

Converting Colors

YUV(241.6290, 2.6479, -9.3216)

Have a look what the booklet for
YUV(241.6290, 2.6479, -9.3216)
contains.

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Color

**YUV(241.6290, 2.6479,
-9.3216)**

Conversions

Conversions Part 1

Format	Color
Hex	E7F6F7
RGB	231, 246, 247
RGB Percent	91%, 96%, 97%
CMY	0.0941, 0.0353, 0.0314
CMYK	0.06, 0.00, 0.00, 0.03
HSL	184°, 50%, 94%
HSV	184°, 6%, 97%
XYZ	82.6993, 89.6159, 100.9346
YIQ	241.6290, -9.2610, -2.8690

Conversions

Conversions Part 2

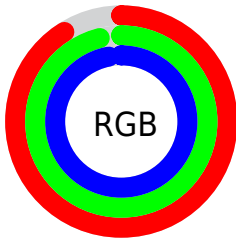
Format	Color
R _Y B	231, 239, 247
Decimal	15202039
CIE Lab	95.84, -4.72, -2.19
CIE LCh	96, 5.203, 204.859
Yxy	89.6159, 0.3027, 0.3280
Android (android.graphics.Color)	4293392119 (0xFFE7F6F7)
YUV	241.6290, 2.6479, -9.3216
Hunter-Lab	94.6657, -9.7285, 3.0497

Details

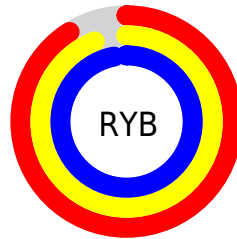
The YUV color $241.6290, 2.6479, -9.3216$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $236.3710, -2.6479, 9.3216$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $185.6290, 2.6479, -9.3216$ is the 20% darker color. If you saturate the color by 10%, you get $232.9800, 6.9119, -23.6615$, and if you desaturate by 10%, it is $249.9790, -1.4686, 4.4034$.

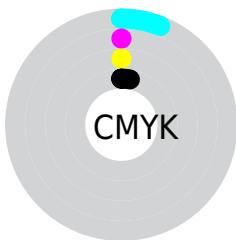
Distribution



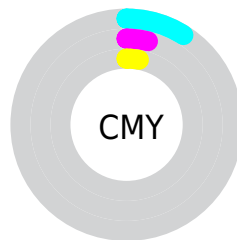
- Red (91%)
- Green (96%)
- Blue (97%)



- Red (91%)
- Yellow (94%)
- Blue (97%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



- Cyan (9%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.6290, 2.6479, -9.3216 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 241.6290, 2.6479, -9.3216 by changing the saturation by 10% instead.

241.6290, 2.6479,
-9.3216

241.6290, 2.6479,
-9.3216

255.0000, 0.0000,
0.0000

213.6290, 2.6479,
-9.3216

185.6290, 2.6479,
-9.3216

158.9280, 2.5005,
-8.7069

132.2270, 2.3531,
-8.0921

107.2270, 2.3531,
-8.0921

83.2270, 2.3531,
-8.0921

59.5260, 2.2057,

-7.4773

■ 38.4120, 1.7689,
-7.3773

■ 16.6290, 2.6479,
-9.3216

■ 241.6290, 2.6479,
-9.3216

■ 241.6290, 2.6479,
-9.3216

■ 232.9800, 6.9119,
-23.6615

■ 249.9790, -1.4686,
4.4034

■ 225.2170, 10.7390,
-37.9013

■ 250.5660, -1.7580,
3.8886

■ 216.5680, 15.0030,
-52.2411

■ 251.7400, -2.3368,
2.8590

■ 208.5060, 18.9775,
-67.0958

■ 252.3270, -2.6262,
2.3442

■ 200.1560, 23.0941,
-80.8208

■ 253.5010, -3.2050,
1.3146

■ 192.0940, 27.0687,
-95.6754

■ 254.0880, -3.4944,
0.7998

■ 183.4450, 31.3326,
-110.0153

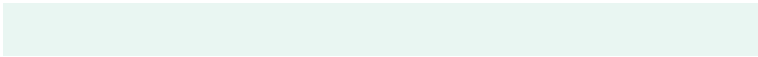
■ 175.3830, 35.3072,
-124.8699

■ 167.0330, 39.4237,
-138.5949

Harmonies

Analogous

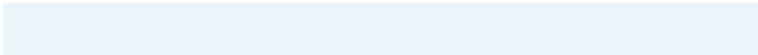
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.6570, 0.1691, -7.5922



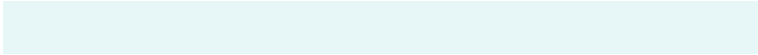
241.6290, 2.6479, -9.3216



242.0960, 4.3897, -7.9772

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.6290, 2.6479, -9.3216



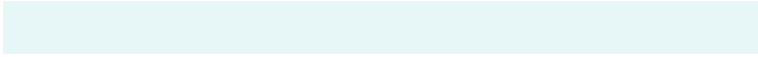
244.3040, 2.3151, 4.1184



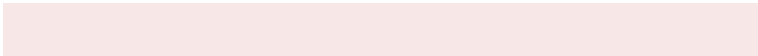
242.7680, -4.8156, 4.5885

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



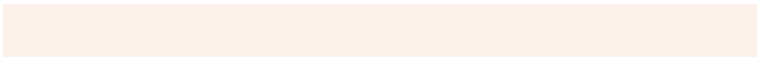
241.6290, 2.6479, -9.3216



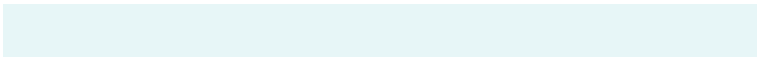
236.3710, -2.6479, 9.3216

Split Complementary

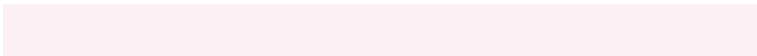
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.9040, -4.3897, 7.9772



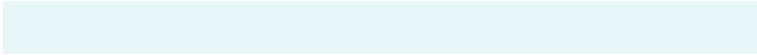
241.6290, 2.6479, -9.3216



244.3430, -0.1691, 7.5922

Square

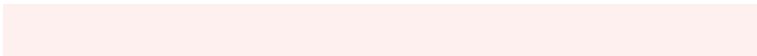
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241.6290, 2.6479, -9.3216



243.4390, 4.2206, -0.3850



244.0720, -2.5005, 8.7069



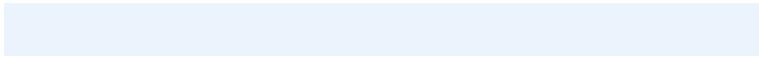
242.5610, -4.2206, 0.3850

Rectangle

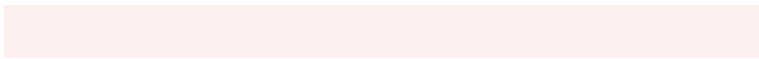
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



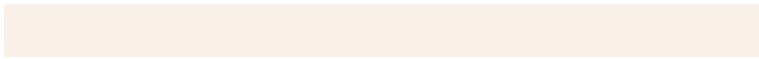
241.6290, 2.6479, -9.3216



242.3350, 5.2578, -6.4328



244.0720, -2.5005, 8.7069



243.3660, -5.1104, 5.8180

Sweetspot

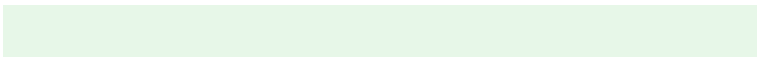
The Sweet Spot groups the original color and five complimentary colors.



241.6290, 2.6479, -9.3216



253.5050, 0.7370, -3.0739



240.5060, -4.1935, -8.3368



126.5160, 0.7316, -1.3295



0.0000, 0.0000, 0.0000



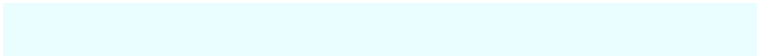
128.0000, 0.0000, 0.0000

Same Dimension

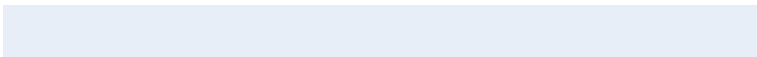
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.6290, 2.6479, -9.3216



248.4330, 3.2375, -11.7807



236.9330, 4.9630, -5.2032



118.4120, 1.7689, -7.3773



123.9290, 30.6010, -108.6857



39.0110, 9.8546, -34.2126

Inverse Universe

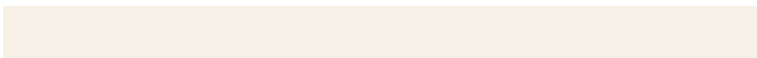
The Inverse Universe completely reimagines the original color for something new.



237.4940, 4.1935, 8.3368



243.1460, 5.3510, 10.3960



241.0670, -4.9630, 5.2032



114.9560, 3.4727, 6.1776



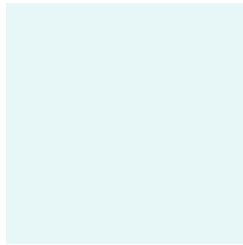
75.5640, 49.0219, 96.8524



23.9110, 15.3269, 30.7731

Previews

White Background



This preview shows how the YUV color 241.6290, 2.6479, -9.3216 looks on a white background.

Color Contrast Check

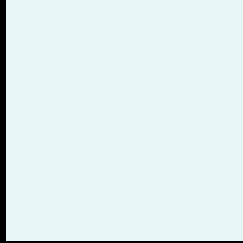
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 241.6290, 2.6479, -9.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

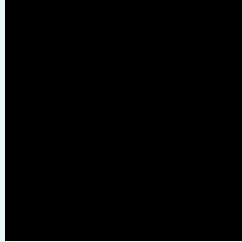
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

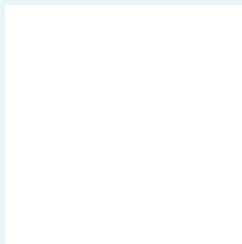
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 241.6290, 2.6479, -9.3216

Background



This preview shows how black text looks on a background with the YUV color 241.6290, 2.6479, -9.3216.



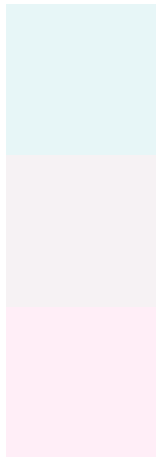
This preview shows how white text looks on a background with the YUV color 241.6290, 2.6479, -9.3216.

-9.3216.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

241.6290, 2.6479, -9.3216

Protanopia

243.4240, 0.2840, 2.2592

Deuteranopia

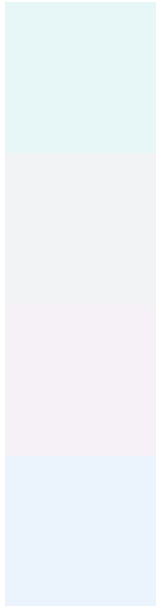
244.1090, 1.4253, 9.5514



Tritanopia

242.5740, 6.1260, -4.8884

Trichromacy



Original Color

241.6290, 2.6479, -9.3216

Protanomaly

242.6300, 1.1684, -1.4295

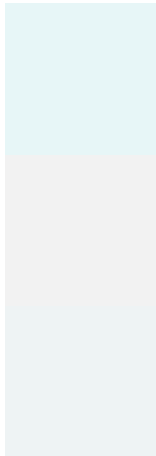
Deuteranomaly

243.1790, 1.8838, 2.4740

Tritanomaly

242.2210, 4.8210, -6.3328

Monochromacy



Original Color

241.6290, 2.6479, -9.3216

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

241.6190, 1.1738, -3.1739

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.6290, 2.6479, -9.3216 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(231, 246, 247)` looks like.

```
.text, #text, p{  
    color:rgb(231, 246, 247)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(231, 246, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 246, 247) }
```

Border

The CSS property to change the border of an element to YUV 241.6290, 2.6479, -9.3216 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(231, 246, 247) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(231, 246, 247) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(231, 246, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 246, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 246, 247);  
box-shadow:4px 4px 4px 4px rgb(231, 246,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 241.6290, 2.6479, -9.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 246, 247) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(231,  
246, 247) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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