

Converting Colors

YUV(235.6070, 2.6587,
-12.8103)

Have a look what the booklet for
YUV(235.6070, 2.6587, -12.8103)
contains.

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Color

**YUV(235.6070, 2.6587,
-12.8103)**

Conversions

Conversions Part 1

Format	Color
Hex	DDF2F1
RGB	221, 242, 241
RGB Percent	87%, 95%, 95%
CMY	0.1333, 0.0510, 0.0549
CMYK	0.09, 0.00, 0.00, 0.05
HSL	177°, 45%, 91%
HSV	177°, 9%, 95%
XYZ	77.4481, 85.2273, 95.5876
YIQ	235.6070, -12.1950, -4.7630

Conversions

Conversions Part 2

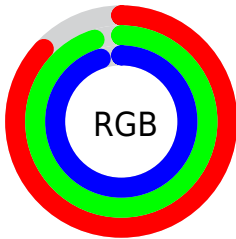
Format	Color
R_{YB}	221, 232, 242
Decimal	14545649
CIE _{Lab}	93.98, -7.04, -1.88
CIE _{LCh}	94, 7.291, 194.953
Yxy	85.2273, 0.2999, 0.3300
Android (android.graphics.Color)	4292735729 (0xFFDDDF2F1)
YUV	235.6070, 2.6587, -12.8103
Hunter-Lab	92.3186, -11.8101, 3.2336

Details

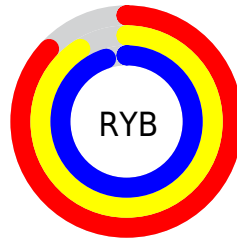
The YUV color $235.6070, 2.6587, -12.8103$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $227.3930, -2.6587, 12.8103$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.9060, 2.5113, -12.1956$ is the 20% darker color. If you saturate the color by 10%, you get $228.3170, 5.7597, -27.4650$, and if you desaturate by 10%, it is $242.8970, -0.4422, 1.8443$.

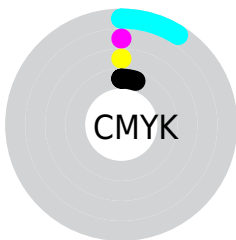
Distribution



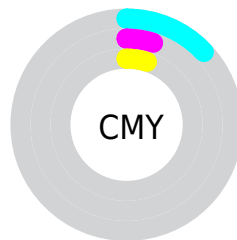
- Red (87%)
- Green (95%)
- Blue (95%)



- Red (87%)
- Yellow (91%)
- Blue (95%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (13%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.6070, 2.6587, -12.8103 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 235.6070, 2.6587, -12.8103 by changing the saturation by 10% instead.

■ 235.6070, 2.6587,
-12.8103

■ 235.6070, 2.6587,
-12.8103

255.0000, 0.0000,
0.0000

■ 207.6070, 2.6587,
-12.8103

■ 179.9060, 2.5113,
-12.1956

■ 152.9060, 2.5113,
-12.1956

■ 127.2050, 2.3639,
-11.5808

■ 102.2050, 2.3639,
-11.5808

■ 77.9170, 2.5059,
-10.4512

■ 54.9170, 2.5059,

-10.4512

■ 33.2160, 2.3585,
-9.8364

■ 12.5040, 2.2165,
-10.9660

■ 235.6070, 2.6587,
-12.8103

■ 235.6070, 2.6587,
-12.8103

■ 228.3170, 5.7597,
-27.4650

■ 242.8970, -0.4422,
1.8443

■ 221.0270, 8.8607,
-42.1197

■ 246.0010, -1.4795,
7.8921

■ 213.4380, 12.1091,
-57.3891

■ 246.1150, -1.0427,
7.7921

■ 206.0340, 14.7732,
-71.9438

■ 246.3430, -0.1691,
7.5922

■ 198.7440, 17.8742,
-86.5985

■ 246.4570, 0.2677,
7.4922

■ 191.4540, 20.9752,
-101.2532

■ 246.5710, 0.7045,
7.3922

■ 184.1640, 24.0761,
-115.9078

■ 246.6850, 1.1413,
7.2923

■ 176.5750, 27.3245,
-131.1773

■ 246.7990, 1.5781,
7.1923

■ 169.2850, 30.4255,
-145.8319

■ 246.9130, 2.0149,
7.0923

Harmonies

Analogous

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



236.0050, -0.9885, -9.6514



235.6070, 2.6587, -12.8103



236.0030, 5.4215, -12.2806

Triad

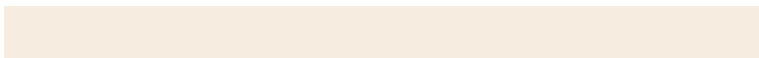
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.6070, 2.6587, -12.8103



238.8740, 4.4991, 3.6185



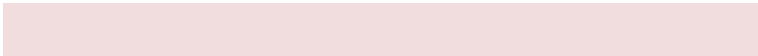
237.9210, -6.8631, 7.9623

Complementary

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



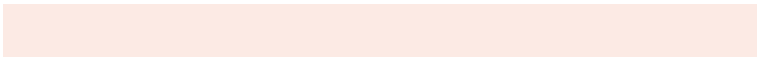
235.6070, 2.6587, -12.8103



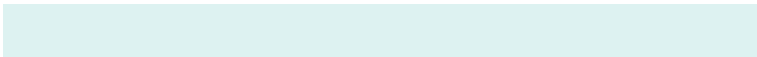
227.3930, -2.6587, 12.8103

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.



238.6980, -5.2741, 11.6659



235.6070, 2.6587, -12.8103



239.1090, 1.4253, 9.5514

Square

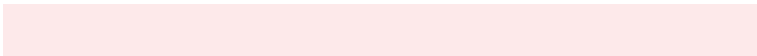
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.6070, 2.6587, -12.8103



237.9980, 6.4100, -2.6292



239.0940, -2.5113, 12.1956



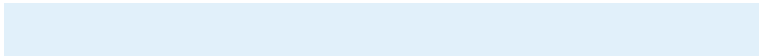
237.0020, -6.4100, 2.6292

Rectangle

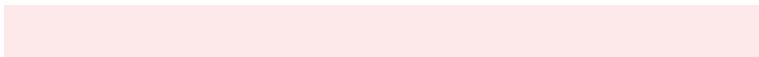
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



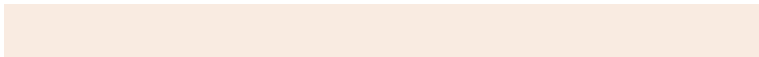
235.6070, 2.6587, -12.8103



236.6550, 6.5791, -10.2214



239.0940, -2.5113, 12.1956



238.0460, -6.4317, 9.6067

Sweetspot

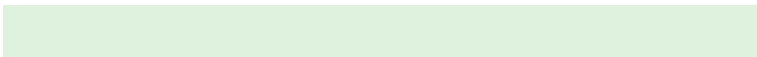
The Sweet Spot groups the original color and five complimentary colors.



235.6070, 2.6587, -12.8103



252.6080, 1.1793, -4.9182



233.6260, -6.2246, -10.1960



126.0920, 0.4476, -3.5887



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

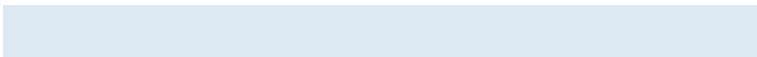
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.6070, 2.6587, -12.8103



247.4110, 3.2484, -15.2694



230.4380, 5.7001, -8.2771



116.2980, 1.3321, -7.2773



127.9580, 23.1917, -112.2192



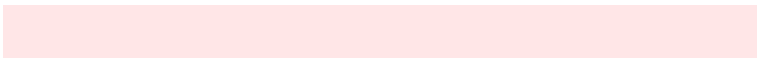
38.9140, 6.9444, -34.1276

Inverse Universe

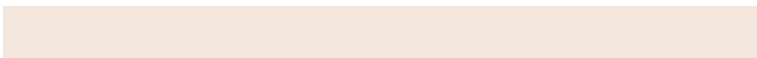
The Inverse Universe completely reimagines the original color for something new.



227.3930, -2.6587, 12.8103



237.5890, -3.2484, 15.2694



232.5620, -5.7001, 8.2771



111.5880, -1.7689, 7.3773



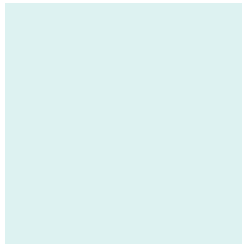
56.0420, -23.1917, 112.2192



17.0860, -6.9444, 34.1276

Previews

White Background



This preview shows how the YUV color 235.6070, 2.6587, -12.8103 looks on a white background.

Color Contrast Check

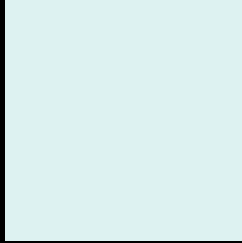
Large Text (above 18pt) WCAG AA × Fail

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 235.6070, 2.6587, -12.8103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

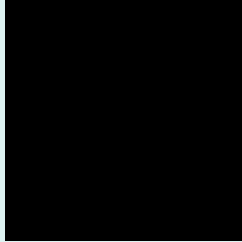
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

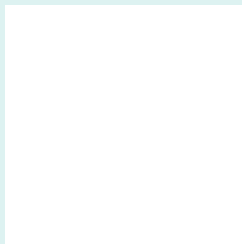
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 235.6070, 2.6587, -12.8103

Background



This preview shows how black text looks on a background with the YUV color 235.6070, 2.6587, -12.8103.



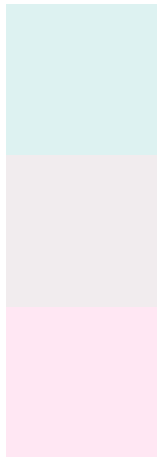
This preview shows how white text looks on a background with the YUV color 235.6070, 2.6587, -12.8103.

-12.8103.

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**

235.6070, 2.6587, -12.8103

Protanopia

237.7230, 0.1366, 2.8739

Deuteranopia

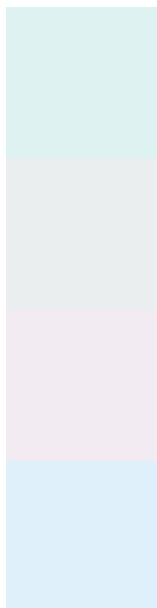
239.5440, 1.7038, 13.5549



Tritanopia

236.9370, 8.9051, -9.5917

Trichromacy



Original Color

235.6070, 2.6587, -12.8103

Protanomaly

236.9180, 1.0264, -2.5591

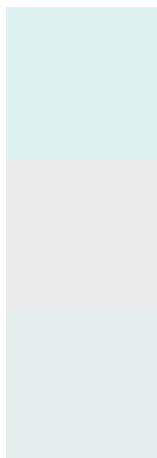
Deuteranomaly

238.1900, 1.8783, 4.2184

Tritanomaly

236.3560, 6.7265, -10.8362

Monochromacy



Original Color

235.6070, 2.6587, -12.8103

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

235.9070, 1.0318, -4.3034

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.6070, 2.6587, -12.8103 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(221, 242, 241)` looks like.

```
.text, #text, p{  
    color:rgb(221, 242, 241)  
}
```

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(221, 242, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 242, 241) }
```

Border

The CSS property to change the border of an element to YUV 235.6070, 2.6587, -12.8103 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(221, 242, 241) }
```


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

```
.border{ border-color:rgb(221, 242, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 242, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 242, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 242, 241);  
box-shadow:4px 4px 4px 4px rgb(221, 242,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 235.6070, 2.6587, -12.8103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 242, 241) }
```

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

```
.background{ background-color: rgb(221,  
242, 241) }
```

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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