

Converting Colors

YUV(215.6290, 2.6479, -9.3216)

Have a look what the booklet for
YUV(215.6290, 2.6479, -9.3216)
contains.

YUV(215.6290, 2.6479, -9.3216)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(215.6290, 2.6479,
-9.3216)**

Conversions

Conversions Part 1

Format	Color
Hex	CDDCDD
RGB	205, 220, 221
RGB Percent	80%, 86%, 87%
CMY	0.1961, 0.1373, 0.1333
CMYK	0.07, 0.00, 0.00, 0.13
HSL	184°, 19%, 84%
HSV	184°, 7%, 87%
XYZ	63.8212, 69.3860, 78.4357
YIQ	215.6290, -9.2610, -2.8690

Conversions

Conversions Part 2

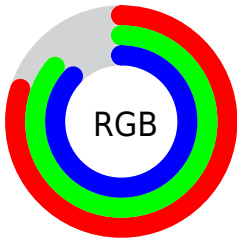
Format	Color
R _Y B	205, 213, 221
Decimal	13491421
CIE Lab	86.69, -4.81, -2.23
CIE LCh	87, 5.303, 204.824
Yxy	69.3860, 0.3016, 0.3278
Android (android.graphics.Color)	4291681501 (0xFFCDDCDD)
YUV	215.6290, 2.6479, -9.3216
Hunter-Lab	83.2983, -9.0094, 2.4798

Details

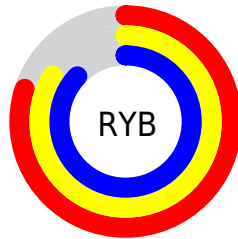
The YUV color $215.6290, 2.6479, -9.3216$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $210.3710, -2.6479, 9.3216$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $160.9280, 2.5005, -8.7069$ is the 20% darker color. If you saturate the color by 10%, you get $208.4640, 6.1802, -22.3319$, and if you desaturate by 10%, it is $222.7940, -0.8844, 3.6887$.

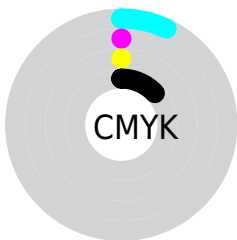
Distribution



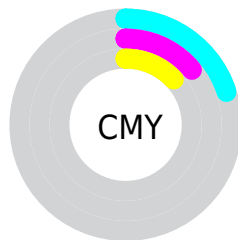
- Red (80%)
- Green (86%)
- Blue (87%)



- Red (80%)
- Yellow (84%)
- Blue (87%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (20%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.6290, 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 215.6290, 2.6479, -9.3216 by changing the saturation by 10% instead.

■ 215.6290, 2.6479,
-9.3216

■ 215.6290, 2.6479,
-9.3216

255.0000, 0.0000,
0.0000

■ 187.6290, 2.6479,
-9.3216

■ 160.9280, 2.5005,
-8.7069

■ 134.9280, 2.5005,
-8.7069

■ 109.2270, 2.3531,
-8.0921

■ 85.2270, 2.3531,
-8.0921

■ 61.5260, 2.2057,
-7.4773

■ 39.5260, 2.2057,

-7.4773

■ 18.9280, 2.5005,
-8.7069

■ 0.0000, 0.0000,
0.0000

■ 215.6290, 2.6479,
-9.3216

■ 215.6290, 2.6479,
-9.3216

■ 208.4640, 6.1802,
-22.3319

■ 222.7940, -0.8844,
3.6887

■ 200.7120, 10.0020,
-34.8274

■ 230.5460, -4.7062,
16.1842

■ 193.5470, 13.5343,
-47.8377

■ 232.9270, -5.8800,
19.3580

■ 185.7950, 17.3561,
-60.3332

■ 234.1010, -6.4588,
18.3284

■ 178.3310, 21.0358,
-73.9583

■ 234.6880, -6.7482,
17.8136

■ 171.1660, 24.5682,
-86.9686

■ 235.2750, -7.0376,
17.2988

■ 163.4140, 28.3899,
-99.4641

■ 236.4490, -7.6164,
16.2692

■ 156.2490, 31.9222,
-112.4744

■ 237.0360, -7.9057,
15.7544

■ 149.0840, 35.4546,
-125.4847

■ 237.6230, -8.1951,
15.2396

Harmonies

Analogous

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



215.6570, 0.1691, -7.5922



215.6290, 2.6479, -9.3216



216.0960, 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.



215.6290, 2.6479, -9.3216



218.3040, 2.3151, 4.1184



216.7680, -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.



215.6290, 2.6479, -9.3216



210.3710, -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.



217.9040, -4.3897, 7.9772



215.6290, 2.6479, -9.3216



218.3430, -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.



215.6290, 2.6479, -9.3216



217.4390, 4.2206, -0.3850



218.0720, -2.5005, 8.7069



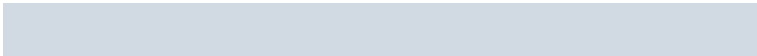
216.5610, -4.2206, 0.3850

Rectangle

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



215.6290, 2.6479, -9.3216



216.3350, 5.2578, -6.4328



218.0720, -2.5005, 8.7069



217.3660, -5.1104, 5.8180

Sweetspot

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



215.6290, 2.6479, -9.3216



253.5050, 0.7370, -3.0739



214.5060, -4.1935, -8.3368



126.5160, 0.7316, -1.3295



0.0000, 0.0000, 0.0000



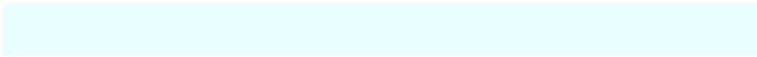
128.0000, 0.0000, 0.0000

Same Dimension

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



215.6290, 2.6479, -9.3216



247.5360, 3.6798, -13.6251



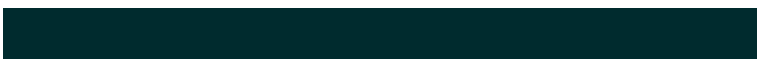
210.9330, 4.9630, -5.2032



106.1240, 1.9109, -6.2477



115.4030, 28.3953, -101.2084



30.4850, 7.6489, -26.7353

Inverse Universe

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



211.4940, 4.1935, 8.3368



241.3850, 6.2192, 11.9404



215.0670, -4.9630, 5.2032



103.4290, 2.7465, 5.7628



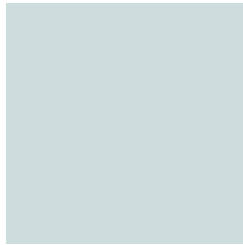
70.3090, 45.6967, 90.0600



18.6560, 12.0016, 23.9807

Previews

White Background



This preview shows how the YUV color 215.6290, 2.6479, -9.3216 looks on a white background.

Color Contrast Check

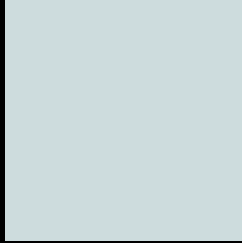
Large Text (above 18pt) WCAG AA × Fail

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 215.6290, 2.6479, -9.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

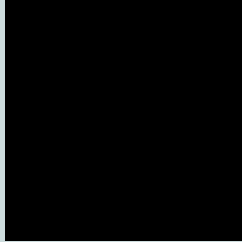
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

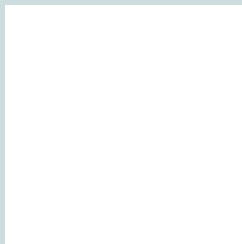
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 215.6290, 2.6479, -9.3216

Background



This preview shows how black text looks on a background with the YUV color 215.6290, 2.6479, -9.3216.



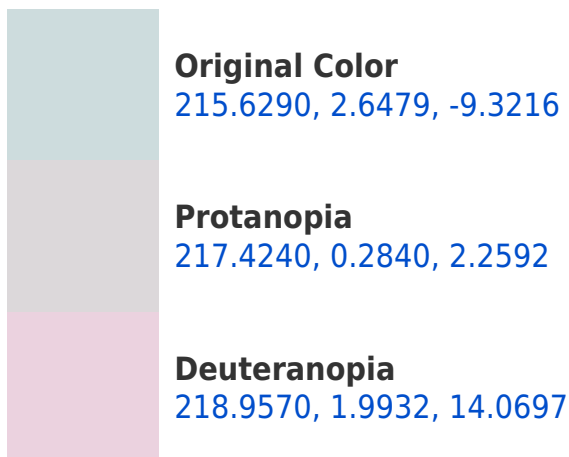
This preview shows how white text looks on a background with the YUV color 215.6290, 2.6479, -9.3216.

-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

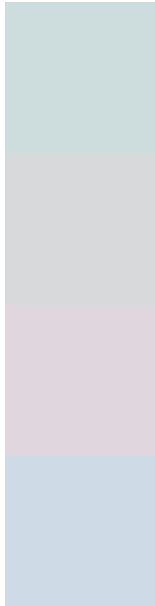




Tritanopia

216.6490, 9.0470, -8.4622

Trichromacy



Original Color

215.6290, 2.6479, -9.3216

Protanomaly

216.6300, 1.1684, -1.4295

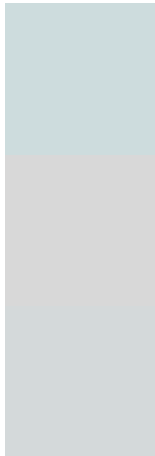
Deuteranomaly

217.9020, 2.0203, 5.3479

Tritanomaly

216.3670, 6.7211, -9.0919

Monochromacy



Original Color

215.6290, 2.6479, -9.3216

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.6190, 1.1738, -3.1739

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.6290, 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(205, 220, 221)` looks like.

```
.text, #text, p{  
    color:rgb(205, 220, 221)  
}
```

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(205, 220, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 220, 221) }
```

Border

The CSS property to change the border of an element to YUV 215.6290, 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(205, 220, 221) }
```


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

```
.border{ border-color:rgb(205, 220, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 220, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 220, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 220, 221);  
box-shadow:4px 4px 4px 4px rgb(205, 220,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 215.6290, 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(205, 220, 221) }
```

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

```
.background{ background-color: rgb(205,  
220, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor