

Converting Colors

YUV(204.2750, 6.2734, -5.5032)

Have a look what the booklet for
YUV(204.2750, 6.2734, -5.5032)
contains.

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Color

**YUV(204.2750, 6.2734,
-5.5032)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CDD9
RGB	198, 205, 217
RGB Percent	78%, 80%, 85%
CMY	0.2235, 0.1961, 0.1490
CMYK	0.09, 0.06, 0.00, 0.15
HSL	218°, 20%, 81%
HSV	218°, 9%, 85%
XYZ	57.6444, 60.6782, 74.3195
YIQ	204.2750, -8.0240, 2.2480

Conversions

Conversions Part 2

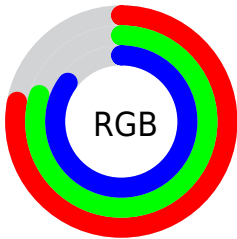
Format	Color
R _Y B	198, 203, 217
Decimal	13028825
CIE Lab	82.21, -0.07, -6.77
CIE LCh	82, 6.775, 269.413
Yxy	60.6782, 0.2992, 0.3150
Android (android.graphics.Color)	4291218905 (0xFFC6CDD9)
YUV	204.2750, 6.2734, -5.5032
Hunter-Lab	77.8962, -4.2255, -2.0403

Details

The YUV color $204.2750, 6.2734, -5.5032$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $210.7250, -6.2734, 5.5032$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $150.1610, 5.8366, -5.4032$ is the 20% darker color. If you saturate the color by 10%, you get $189.4790, 13.5679, -11.8211$, and if you desaturate by 10%, it is $219.0710, -1.0210, 0.8147$.

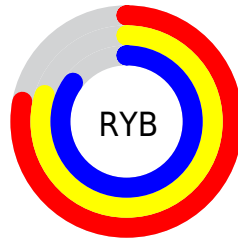
Distribution



Red (78%)

Green (80%)

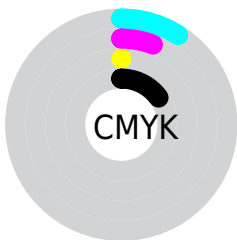
Blue (85%)



Red (78%)

Yellow (80%)

Blue (85%)

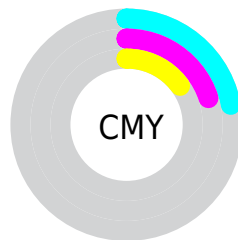


Cyan (9%)

Magenta (6%)

Yellow (0%)

Black (15%)



Cyan (22%)

Magenta (20%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.2750, 6.2734, -5.5032 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 204.2750, 6.2734, -5.5032 by changing the saturation by 10% instead.

■ 204.2750, 6.2734,
-5.5032

■ 204.2750, 6.2734,
-5.5032

255.0000, 0.0000,
0.0000

■ 177.1610, 5.8366,
-5.4032

■ 150.1610, 5.8366,
-5.4032

■ 124.1610, 5.8366,
-5.4032

■ 99.4600, 5.6892,
-4.7884

■ 75.3460, 5.2524,
-4.6884

■ 52.9330, 4.9630,
-5.2032

■ 31.2320, 4.8156,

-4.5885

■ 7.6770, 6.5682,
-6.7327

■ 0.0000, 0.0000,
0.0000

■ 204.2750, 6.2734,
-5.5032

■ 204.2750, 6.2734,
-5.5032

■ 189.4790, 13.5679,
-11.8211

■ 219.0710, -1.0210,
0.8147

■ 175.5690, 20.4255,
-18.0390

■ 232.9810, -7.8786,
7.0327

■ 160.7730, 27.7199,
-24.3569

■ 245.3850,
-13.9938, 8.4324

■ 145.9770, 35.0143,
-30.6748

■ 250.6680,
-16.5983, 3.7992

■ 131.4800, 42.1614,
-36.3780

■ 117.2710, 49.1664,
-43.2107

■ 102.4750, 56.4608,
-49.5286

■ 87.6790, 63.7553,
-55.8465

■ 73.7690, 70.6129,
-62.0644

Harmonies

Analogous

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



203.4270, 5.7055, -10.0215



204.2750, 6.2734, -5.5032



205.2650, 4.7994, 0.6446

Triad

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



204.2750, 6.2734, -5.5032



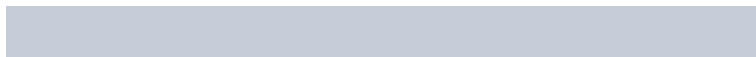
206.0400, -3.9637, 11.3659



203.2720, -2.5991, -6.3775

Complementary

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



204.2750, 6.2734, -5.5032



210.7250, -6.2734, 5.5032

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.



203.6210, -5.2362, -0.5446



204.2750, 6.2734, -5.5032



205.2740, -5.5581, 9.4067

Square

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



204.2750, 6.2734, -5.5032



205.9520, -0.4693, 10.5661



204.4260, -6.1260, 4.8884



202.4610, 0.7587, -10.0513

Rectangle

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



204.2750, 6.2734, -5.5032



205.9450, 3.4781, 4.4332



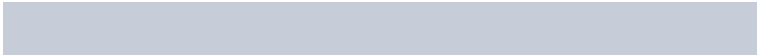
204.4260, -6.1260, 4.8884



203.0550, -3.4781, -4.4332

Sweetspot

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



204.2750, 6.2734, -5.5032



249.6730, 2.6262, -2.3442



210.5210, -0.2569, -10.9809



123.8580, 2.0420, -1.6295



0.0000, 0.0000, 0.0000



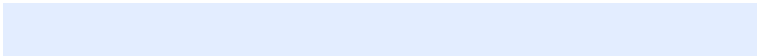
128.0000, 0.0000, 0.0000

Same Dimension

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



204.2750, 6.2734, -5.5032



236.0620, 9.3364, -7.9474



200.7640, 8.0043, -0.6700



102.6020, 3.6472, -3.1590



57.2900, 57.0450, -50.2433



15.2230, 15.1731, -13.3506

Inverse Universe

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



204.4790, 0.2569, 10.9809



236.5120, 0.2406, 16.2140



214.2360, -8.0043, 0.6700



102.7450, 0.1257, 6.3626



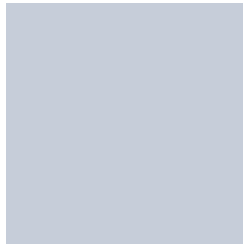
59.0230, 2.4537, 99.9578



15.6920, 0.6448, 26.5801

Previews

White Background



This preview shows how the YUV color 204.2750, 6.2734, -5.5032 looks on a white background.

Color Contrast Check

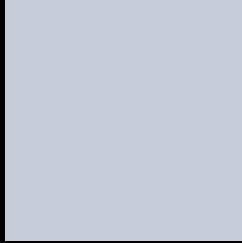
Large Text (above 18pt) WCAG AA × Fail

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 204.2750, 6.2734, -5.5032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

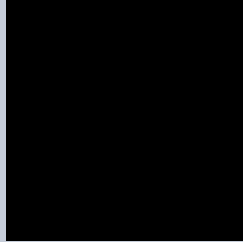
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

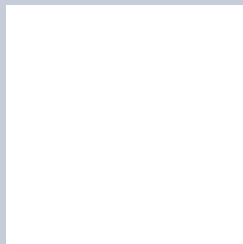
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 204.2750, 6.2734, -5.5032

Background



This preview shows how black text looks on a background with the YUV color 204.2750, 6.2734, -5.5032.



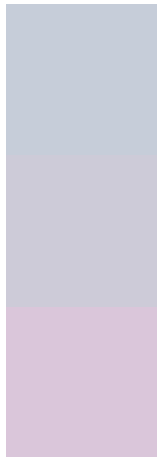
This preview shows how white text looks on a background with the YUV color 204.2750, 6.2734, -5.5032.

-5.5032.

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

204.2750, 6.2734, -5.5032

Protanopia

205.0800, 5.3836, -0.0702

Deuteranopia

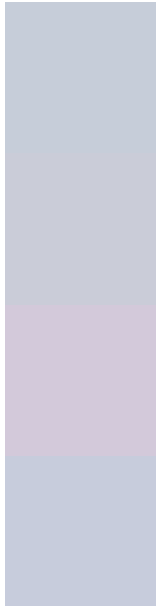
206.2600, 5.7878, 10.2960



Tritanopia

204.4430, 8.1626, -4.7735

Trichromacy



Original Color

204.2750, 6.2734, -5.5032

Protanomaly

204.7700, 5.5364, -2.4293

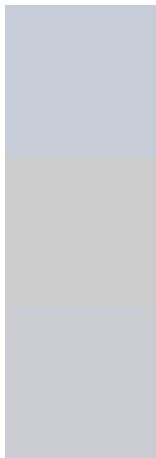
Deuteranomaly

205.9280, 5.9515, 4.4481

Tritanomaly

204.3290, 7.7258, -4.6735

Monochromacy



Original Color

204.2750, 6.2734, -5.5032

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.9720, 2.4788, -1.7294

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.2750, 6.2734, -5.5032 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(198, 205, 217)` looks like.

```
.text, #text, p{  
    color:rgb(198, 205, 217)  
}
```

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(198, 205, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 205, 217) }
```

Border

The CSS property to change the border of an element to YUV 204.2750, 6.2734, -5.5032 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(198, 205, 217) }
```


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

```
.border{ border-color:rgb(198, 205, 217) }
```

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

Here you see how a box with a 4 pixel rgb(198, 205, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 205, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 205, 217);  
box-shadow:4px 4px 4px 4px rgb(198, 205,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 204.2750, 6.2734, -5.5032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 205, 217) }
```

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

```
.background{ background-color: rgb(198,  
205, 217) }
```

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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