

Converting Colors

YUV(213.6650, -5.2578, 6.4328)

Have a look what the booklet for
YUV(213.6650, -5.2578, 6.4328)
contains.

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Color

**YUV(213.6650, -5.2578,
6.4328)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD4CB
RGB	221, 212, 203
RGB Percent	87%, 83%, 80%
CMY	0.1333, 0.1686, 0.2039
CMYK	0.00, 0.04, 0.08, 0.13
HSL	30°, 21%, 83%
HSV	30°, 8%, 87%
XYZ	64.1418, 66.7709, 66.0074
YIQ	213.6650, 8.2530, -0.8910

Conversions

Conversions Part 2

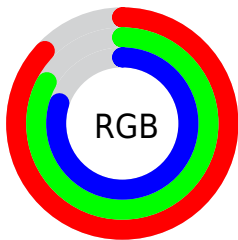
Format	Color
R_{YB}	221, 221, 203
Decimal	14537931
CIE Lab	85.39, 1.55, 5.54
CIE LCh	85, 5.752, 74.360
Yxy	66.7709, 0.3257, 0.3391
Android (android.graphics.Color)	4292728011 (0xFFDDD4CB)
YUV	213.6650, -5.2578, 6.4328
Hunter-Lab	81.7135, -2.8833, 9.3055

Details

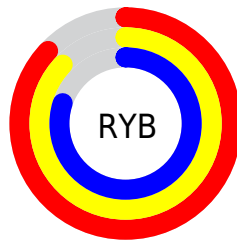
The YUV color $213.6650, -5.2578, 6.4328$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $210.3350, 5.2578, -6.4328$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $158.7790, -4.8210, 6.3328$ is the 20% darker color. If you saturate the color by 10%, you get $204.7000, -11.6841, 14.2951$, and if you desaturate by 10%, it is $222.6300, 1.1684, -1.4295$.

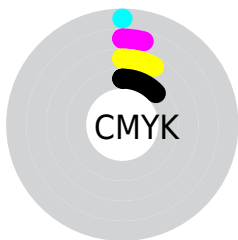
Distribution



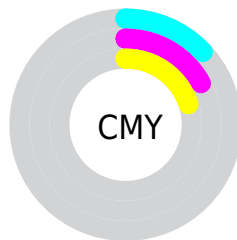
- Red (87%)
- Green (83%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (13%)



- Cyan (13%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.6650, -5.2578, 6.4328 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 213.6650, -5.2578, 6.4328 by changing the saturation by 10% instead.

■ 213.6650, -5.2578,
6.4328

■ 213.6650, -5.2578,
6.4328

255.0000, 0.0000,
0.0000

■ 185.7790, -4.8210,
6.3328

■ 158.7790, -4.8210,
6.3328

■ 132.7790, -4.8210,
6.3328

■ 107.4800, -4.6736,
5.7180

■ 83.1810, -4.5262,
5.1033

■ 60.2950, -4.0894,
5.0033

■ 38.4090, -3.6526,

4.9033

■ 17.8390, -5.8366,
5.4032

■ 0.0000, 0.0000,
0.0000

■ 213.6650, -5.2578,
6.4328

■ 213.6650, -5.2578,
6.4328

■ 204.7000,
-11.6841, 14.2951

■ 222.6300, 1.1684,
-1.4295

■ 195.7350,
-18.1104, 22.1574

■ 231.5950, 7.5947,
-9.2918

■ 186.7700,
-24.5366, 30.0197

■ 238.9640, 7.9057,
-15.7544

■ 177.8050,
-30.9629, 37.8820

■ 244.8340, 5.0118,
-20.9024

■ 168.8400,
-37.3891, 45.7443

■ 159.7610,
-44.2522, 53.7066

■ 150.7960,
-50.6784, 61.5689

■ 141.8310,
-57.1047, 69.4312

■ 132.8660,
-63.5309, 77.2935

Harmonies

Analogous

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



214.6160, -4.2477, 9.1068



213.6650, -5.2578, 6.4328



213.0450, -4.9522, 1.7145

Triad

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



213.6650, -5.2578, 6.4328



212.1020, 1.9217, -9.7365



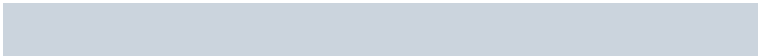
214.2330, 3.3361, 3.3037

Complementary

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



213.6650, -5.2578, 6.4328



210.3350, 5.2578, -6.4328

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.



213.6560, 5.0996, -2.3293



213.6650, -5.2578, 6.4328



212.0850, 4.3951, -9.7215

Square

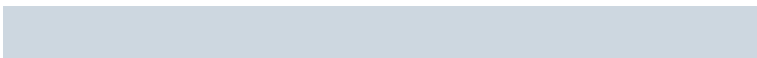
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



213.6650, -5.2578, 6.4328



211.4290, -0.7045, -7.3922



213.0360, 5.4053, -7.0476



214.5710, 0.7045, 7.3922

Rectangle

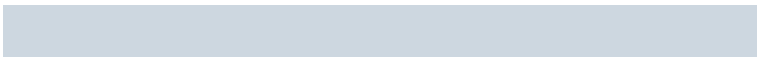
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



213.6650, -5.2578, 6.4328



212.5500, -4.2151, -1.3593



213.0360, 5.4053, -7.0476



214.3360, 3.7784, 1.4593

Sweetspot

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



213.6650, -5.2578, 6.4328



252.6690, -1.3158, 2.0443



209.4080, 1.2779, 10.1662



126.4840, -0.7316, 1.3295



0.0000, 0.0000, 0.0000



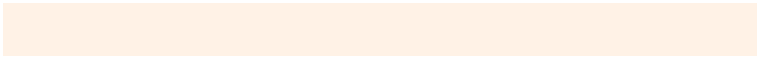
128.0000, 0.0000, 0.0000

Same Dimension

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



213.6650, -5.2578, 6.4328



244.5190, -7.1579, 9.1918



218.9480, -7.8624, 1.7996



105.2240, -3.0684, 4.1886



102.7960, -50.6784, 61.5689



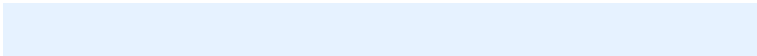
27.2550, -13.4367, 16.4394

Inverse Universe

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



210.3350, 5.2578, -6.4328



239.8940, 7.4473, -8.6770



205.0520, 7.8624, -1.7996



103.1890, 3.3578, -3.6738



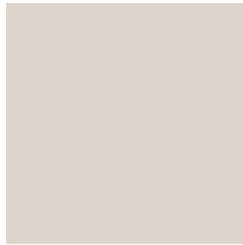
70.7910, 50.3890, -62.0837



18.7450, 13.4367, -16.4394

Previews

White Background



This preview shows how the YUV color 213.6650, -5.2578, 6.4328 looks on a white background.

Color Contrast Check

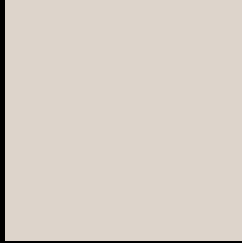
Large Text (above 18pt) WCAG AA × Fail

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 213.6650, -5.2578, 6.4328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

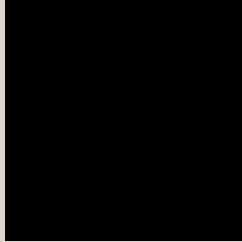
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.6650, -5.2578, 6.4328

Background



This preview shows how black text looks on a background with the YUV color 213.6650, -5.2578, 6.4328.

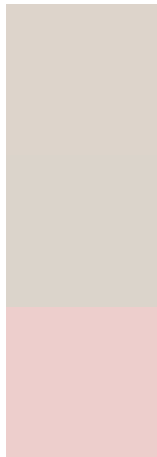


This preview shows how white text looks on a background with the YUV color 213.6650, -5.2578,

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

213.6650, -5.2578, 6.4328

Protanopia

213.0670, -4.9630, 5.2032

Deuteranopia

215.0410, -5.4432, 19.2580



Tritanopia

215.3090, 4.7777, 7.6220

Trichromacy



Original Color

213.6650, -5.2578, 6.4328

Protanomaly

213.3660, -5.1104, 5.8180

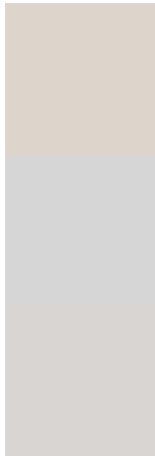
Deuteranomaly

214.4210, -5.1376, 14.5398

Tritanomaly

214.6850, 1.1413, 7.2923

Monochromacy



Original Color

213.6650, -5.2578, 6.4328

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.8540, -1.9000, 2.7590

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.6650, -5.2578, 6.4328 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, 212, 203)` looks like.

```
.text, #text, p{  
    color:rgb(221, 212, 203)  
}
```

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, 212, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 212, 203) }
```

Border

The CSS property to change the border of an element to YUV 213.6650, -5.2578, 6.4328 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, 212, 203) }
```


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

```
.border{ border-color:rgb(221, 212, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 212, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 212, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 212, 203);  
box-shadow:4px 4px 4px 4px rgb(221, 212,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 213.6650, -5.2578, 6.4328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 212, 203) }
```

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

```
.background{ background-color: rgb(221,  
212, 203) }
```

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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