

Converting Colors

YUV(213.0910, 5.3781, 1.6742)

Have a look what the booklet for
YUV(213.0910, 5.3781, 1.6742)
contains.

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Color

**YUV(213.0910, 5.3781,
1.6742)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D2E0
RGB	215, 210, 224
RGB Percent	84%, 82%, 88%
CMY	0.1569, 0.1765, 0.1216
CMYK	0.04, 0.06, 0.00, 0.12
HSL	261°, 18%, 85%
HSV	261°, 6%, 88%
XYZ	64.5255, 65.9221, 79.8444
YIQ	213.0910, -1.5140, 5.4140

Conversions

Conversions Part 2

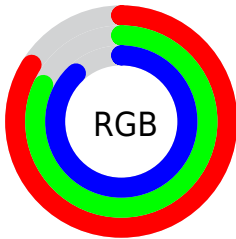
Format	Color
R _Y B	215, 210, 224
Decimal	14144224
CIE Lab	84.96, 4.28, -6.29
CIE LCh	85, 7.610, 304.252
Yxy	65.9221, 0.3068, 0.3135
Android (android.graphics.Color)	4292334304 (0xFFD7D2E0)
YUV	213.0910, 5.3781, 1.6742
Hunter-Lab	81.1924, -0.2287, -1.4709

Details

The YUV color `213.0910, 5.3781, 1.6742` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `220.9090, -5.3781, -1.6742`, and the grayscale version is `213.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `158.6780, 5.0887, 1.1594` is the 20% darker color. If you saturate the color by 10%, you get `195.9910, 13.8084, 4.3929`, and if you desaturate by 10%, it is `230.1910, -3.0522, -1.0445`.

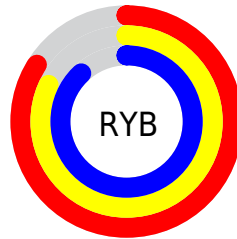
Distribution



Red (84%)

Green (82%)

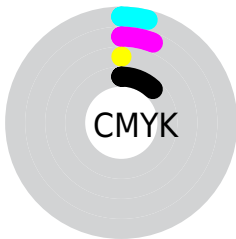
Blue (88%)



Red (84%)

Yellow (82%)

Blue (88%)

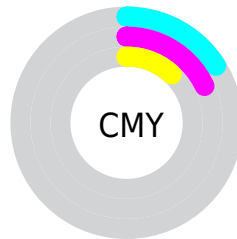


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (12%)



Cyan (16%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.0910, 5.3781, 1.6742 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 213.0910, 5.3781, 1.6742 by changing the saturation by 10% instead.

■ 213.0910, 5.3781,
1.6742

■ 213.0910, 5.3781,
1.6742

255.0000, 0.0000,
0.0000

■ 185.0910, 5.3781,
1.6742

■ 158.6780, 5.0887,
1.1594

■ 132.5640, 4.6519,
1.2594

■ 106.9770, 4.9413,
1.7742

■ 82.5640, 4.6519,
1.2594

■ 59.5640, 4.6519,
1.2594

■ 38.0370, 3.9258,

0.8446

■ 17.4500, 4.2152,
1.3594

■ 0.0000, 0.0000,
0.0000

■ 213.0910, 5.3781,
1.6742

■ 213.0910, 5.3781,
1.6742

■ 195.9910, 13.8084,
4.3929

■ 230.1910, -3.0522,
-1.0445

■ 178.0050, 22.6755,
7.0116

■ 248.1770,
-11.9193, -3.6632

■ 160.9050, 31.1058,
9.7303

■ 251.4660,
-13.5407, 3.0993

■ 142.9190, 39.9729,
12.3490

■ 125.8190, 48.4032,
15.0677

■ 108.7190, 56.8335,
17.7864

■ 90.7330, 65.7006,
20.4052

■ 73.6330, 74.1309,
23.1239

■ 55.6470, 82.9980,
25.7426

Harmonies

Analogous

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



211.8020, 6.9996, -5.0884



213.0910, 5.3781, 1.6742



213.7390, 2.5937, 8.1219

Triad

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



213.0910, 5.3781, 1.6742



212.9320, -6.8685, 9.7066



210.2650, 1.3484, -12.5104

Complementary

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



213.0910, 5.3781, 1.6742



220.9090, -5.3781, -1.6742

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.



210.3750, -2.1569, -8.2219



213.0910, 5.3781, 1.6742



211.8990, -6.8522, 4.4736

Square

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



213.0910, 5.3781, 1.6742



213.5240, -4.6953, 12.6955



210.9090, -5.3781, -1.6742



210.1770, 4.8427, -13.3102

Rectangle

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



213.0910, 5.3781, 1.6742



214.0660, -0.0325, 10.4661



210.9090, -5.3781, -1.6742



209.6350, 0.1799, -11.0809

Sweetspot

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



213.0910, 5.3781, 1.6742



251.1680, 1.8892, 0.7297



216.8790, 3.5107, -6.0329



125.6410, 1.1630, 0.3148



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.



213.0910, 5.3781, 1.6742



239.3730, 7.7041, 2.3039



215.1840, 4.3463, 5.9776



103.4500, 4.2151, 1.3593



38.9010, 67.5898, 21.1348



10.5550, 18.4604, 5.6523

Inverse Universe

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



215.2120, 1.8675, 7.7071



242.4620, 2.7302, 10.9958



218.8160, -4.3463, -5.9776



105.0870, 1.4361, 6.0627



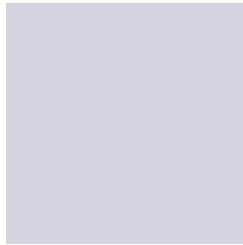
65.5060, 23.4145, 96.9032



17.8860, 6.4652, 26.4100

Previews

White Background



This preview shows how the YUV color 213.0910, 5.3781, 1.6742 looks on a white background.

Color Contrast Check

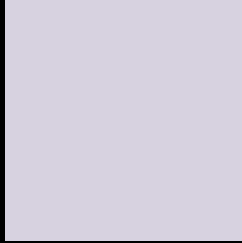
Large Text (above 18pt) WCAG AA × Fail

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 213.0910, 5.3781, 1.6742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

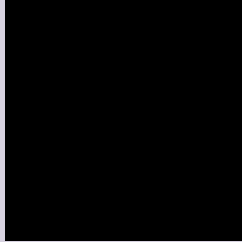
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.0910, 5.3781, 1.6742

Background



This preview shows how black text looks on a background with the YUV color 213.0910, 5.3781, 1.6742.



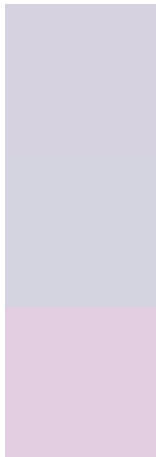
This preview shows how white text looks on a background with the YUV color 213.0910, 5.3781,

1.6742.

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

213.0910, 5.3781, 1.6742

Protanopia

212.7810, 5.5310, -0.6849

Deuteranopia

214.4450, 5.2036, 11.0107



Tritanopia

213.3190, 6.2517, 1.4742

Trichromacy



Original Color

213.0910, 5.3781, 1.6742

Protanomaly

213.0800, 5.3836, -0.0702

Deuteranomaly

213.8360, 5.5039, 8.0368

Tritanomaly

213.2050, 5.8149, 1.5742

Monochromacy



Original Color

213.0910, 5.3781, 1.6742

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.1680, 1.8892, 0.7297

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.0910, 5.3781, 1.6742 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(215, 210, 224)` looks like.

```
.text, #text, p{  
    color:rgb(215, 210, 224)  
}
```

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(215, 210, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 210, 224) }
```

Border

The CSS property to change the border of an element to YUV 213.0910, 5.3781, 1.6742 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(215, 210, 224) }
```


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

```
.border{ border-color:rgb(215, 210, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 210, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 210, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 210, 224);  
box-shadow:4px 4px 4px 4px rgb(215, 210,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 213.0910, 5.3781, 1.6742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 210, 224) }
```

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

```
.background{ background-color: rgb(215,  
210, 224) }
```

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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