

Converting Colors

YUV(212.6230, 5.1159, -7.5624)

Have a look what the booklet for
YUV(212.6230, 5.1159, -7.5624)
contains.

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Color

**YUV(212.6230, 5.1159,
-7.5624)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD7DF
RGB	204, 215, 223
RGB Percent	80%, 84%, 87%
CMY	0.2000, 0.1569, 0.1255
CMYK	0.09, 0.04, 0.00, 0.13
HSL	205°, 23%, 84%
HSV	205°, 9%, 87%
XYZ	62.5216, 66.7660, 79.4039
YIQ	212.6230, -9.1240, 0.1560

Conversions

Conversions Part 2

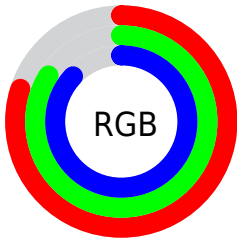
Format	Color
RYB	204, 211, 223
Decimal	13424607
CIELab	85.39, -2.16, -5.22
CIELCh	85, 5.649, 247.490
Yxy	66.7660, 0.2996, 0.3199
Android (android.graphics.Color)	4291614687 (0xFFCCD7DF)
YUV	212.6230, 5.1159, -7.5624
Hunter-Lab	81.7104, -6.4122, -0.4191

Details

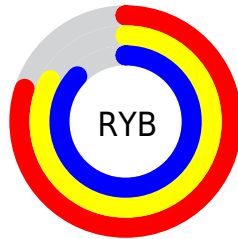
The YUV color $212.6230, 5.1159, -7.5624$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $214.3770, -5.1159, 7.5624$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $157.9220, 4.9685, -6.9476$ is the 20% darker color. If you saturate the color by 10%, you get $200.7620, 10.9633, -16.4543$, and if you desaturate by 10%, it is $224.4840, -0.7316, 1.3295$.

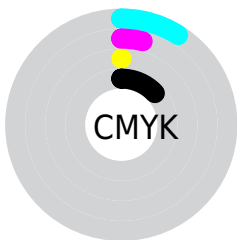
Distribution



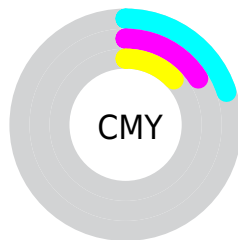
- Red (80%)
- Green (84%)
- Blue (87%)



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



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (20%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.6230, 5.1159, -7.5624 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 212.6230, 5.1159, -7.5624 by changing the saturation by 10% instead.

■ 212.6230, 5.1159,
-7.5624

■ 212.6230, 5.1159,
-7.5624

255.0000, 0.0000,
0.0000

■ 184.9220, 4.9685,
-6.9476

■ 157.9220, 4.9685,
-6.9476

■ 131.8080, 4.5317,
-6.8476

■ 106.8080, 4.5317,
-6.8476

■ 82.6940, 4.0949,
-6.7476

■ 59.1070, 4.3842,
-6.2328

■ 37.9930, 3.9475,

-6.1329

■ 16.3950, 4.2423,
-7.3624

■ 0.0000, 0.0000,
0.0000

■ 212.6230, 5.1159,
-7.5624

■ 212.6230, 5.1159,
-7.5624

■ 200.7620, 10.9633,
-16.4543

■ 224.4840, -0.7316,
1.3295

■ 188.0150, 17.2476,
-25.4462

■ 237.2310, -7.0159,
10.3214

■ 176.1540, 23.0951,
-34.3381

■ 244.3080,
-10.5048, 9.3769

■ 163.7060, 29.2319,
-42.7152

■ 250.1780,
-13.3988, 4.2289

■ 151.8450, 35.0794,
-51.6071

■ 251.3520,
-13.9775, 3.1993

■ 139.6850, 41.0743,
-61.1137

■ 127.2370, 47.2112,
-69.4908

■ 115.3760, 53.0586,
-78.3828

■ 102.6290, 59.3429,
-87.3746

Harmonies

Analogous

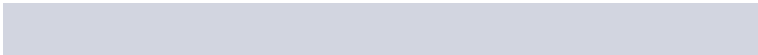
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



211.9710, 3.9583, -9.6216



212.6230, 5.1159, -7.5624



213.3570, 5.2470, -2.9441

Triad

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



212.6230, 5.1159, -7.5624



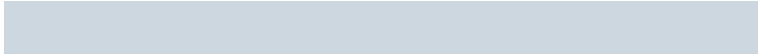
214.7130, -1.3375, 9.0217



212.3650, -3.6309, -2.0741

Complementary

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



212.6230, 5.1159, -7.5624



214.3770, -5.1159, 7.5624

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.



213.0560, -4.9576, 3.4589



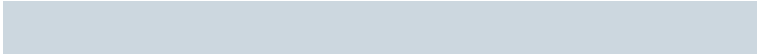
212.6230, 5.1159, -7.5624



214.1430, -3.5215, 9.5216

Square

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



212.6230, 5.1159, -7.5624



214.5000, 1.7255, 6.5775



214.0780, -4.9685, 6.9476



211.9130, -1.4361, -6.0627

Rectangle

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



212.6230, 5.1159, -7.5624



213.8520, 4.5100, 0.1298



214.0780, -4.9685, 6.9476



212.8490, -4.3626, -0.7446

Sweetspot

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



212.6230, 5.1159, -7.5624



250.8470, 2.0474, -3.3738



216.0650, -2.0040, -10.5810



124.4450, 1.7526, -2.1443



0.0000, 0.0000, 0.0000



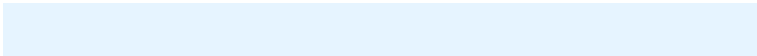
128.0000, 0.0000, 0.0000

Same Dimension

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



212.6230, 5.1159, -7.5624



241.0680, 6.8685, -9.7066



207.3400, 7.7204, -2.9292



105.7760, 3.0684, -4.1886



79.9380, 47.3586, -70.1056



21.9080, 12.8634, -19.2133

Inverse Universe

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



210.9350, 2.0040, 10.5810



239.0710, 2.4300, 13.9697



219.6600, -7.7204, 2.9292



104.9730, 0.9993, 6.1627



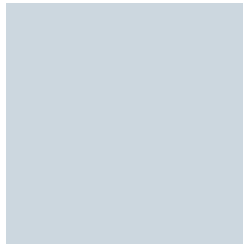
64.2520, 18.6098, 98.0030



17.5440, 5.1548, 26.7099

Previews

White Background



This preview shows how the YUV color 212.6230, 5.1159, -7.5624 looks on a white background.

Color Contrast Check

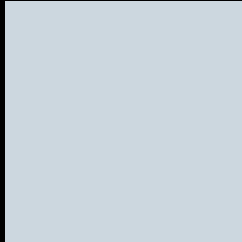
Large Text (above 18pt) WCAG AA × Fail

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 212.6230, 5.1159, -7.5624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

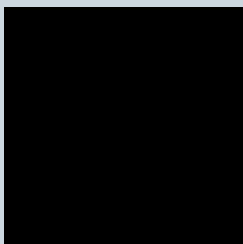
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

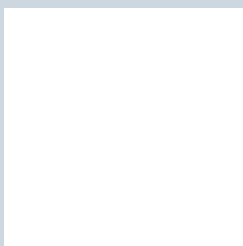
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 212.6230, 5.1159, -7.5624

Background



This preview shows how black text looks on a background with the YUV color 212.6230, 5.1159, -7.5624.



This preview shows how white text looks on a background with the YUV color 212.6230, 5.1159, -7.5624.

-7.5624.

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

212.6230, 5.1159, -7.5624

Protanopia

213.9230, 3.4890, 0.9445

Deuteranopia

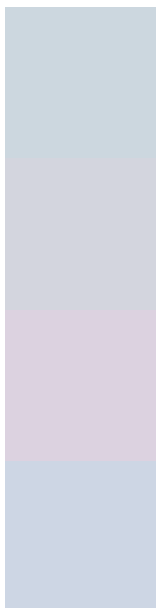
215.6300, 4.6194, 11.7255



Tritanopia

213.2470, 8.7522, -7.2326

Trichromacy



Original Color

212.6230, 5.1159, -7.5624

Protanomaly

213.4280, 4.2260, -2.1294

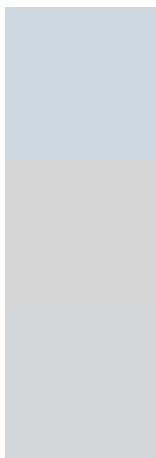
Deuteranomaly

214.5860, 4.6411, 4.7481

Tritanomaly

212.9050, 7.4418, -6.9327

Monochromacy



Original Color

212.6230, 5.1159, -7.5624

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.1460, 1.9000, -2.7590

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.6230, 5.1159, -7.5624 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(204, 215, 223)` looks like.

```
.text, #text, p{  
    color:rgb(204, 215, 223)  
}
```

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(204, 215, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 215, 223) }
```

Border

The CSS property to change the border of an element to YUV 212.6230, 5.1159, -7.5624 is called "border". The border property can be set on classes, ids or directly on the HTML element.

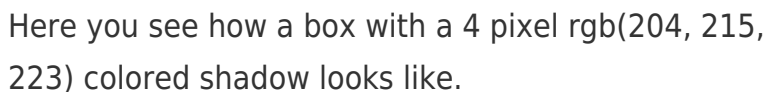
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 215, 223) }
```


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

```
.border{ border-color:rgb(204, 215, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(204, 215, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 215, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 215, 223);  
box-shadow:4px 4px 4px 4px rgb(204, 215,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 212.6230, 5.1159, -7.5624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 215, 223) }
```

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

```
.background{ background-color: rgb(204,  
215, 223) }
```

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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