

Converting Colors

YUV(213.7860, -5.3175,
25.6207)

Have a look what the booklet for
YUV(213.7860, -5.3175, 25.6207)
contains.

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Color

**YUV(213.7860, -5.3175,
25.6207)**

Conversions

Conversions Part 1

Format	Color
Hex	F3C9CB
RGB	243, 201, 203
RGB Percent	95%, 79%, 80%
CMY	0.0471, 0.2118, 0.2039
CMYK	0.00, 0.17, 0.16, 0.05
HSL	357°, 64%, 87%
HSV	357°, 17%, 95%
XYZ	68.6283, 65.1398, 65.4560
YIQ	213.7860, 24.3900, 9.5260

Conversions

Conversions Part 2

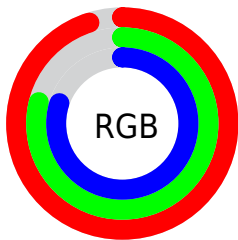
Format	Color
R _Y B	243, 201, 203
Decimal	15976907
CIE Lab	84.56, 15.13, 4.58
CIE LCh	85, 15.812, 16.825
Yxy	65.1398, 0.3445, 0.3270
Android (android.graphics.Color)	4294166987 (0xFFFF3C9CB)
YUV	213.7860, -5.3175, 25.6207
Hunter-Lab	80.7092, 10.5402, 8.4116

Details

The YUV color $213.7860, -5.3175, 25.6207$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $230.2140, 5.3175, -25.6207$, 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 $158.8890, -4.8753, 23.7763$ is the 20% darker color. If you saturate the color by 10%, you get $197.0760, -8.4185, 40.2753$, and if you desaturate by 10%, it is $230.4960, -2.2165, 10.9660$.

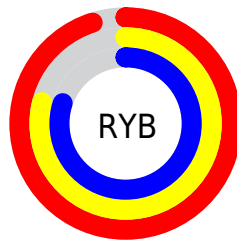
Distribution



Red (95%)

Green (79%)

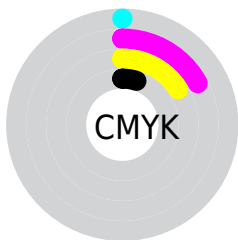
Blue (80%)



Red (95%)

Yellow (79%)

Blue (80%)

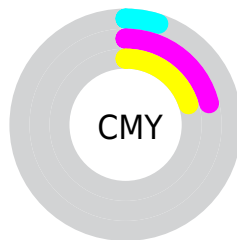


Cyan (0%)

Magenta (17%)

Yellow (16%)

Black (5%)



Cyan (5%)

Magenta (21%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.7860, -5.3175, 25.6207 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 213.7860, -5.3175, 25.6207 by changing the saturation by 10% instead.

■ 213.7860, -5.3175,
25.6207

■ 213.7860, -5.3175,
25.6207

255.0000, 0.0000,
0.0000

■ 186.1880, -5.0227,
24.3911

■ 158.8890, -4.8753,
23.7763

■ 132.5900, -4.7279,
23.1616

■ 107.2910, -4.5805,
22.5468

■ 82.8070, -3.8489,
21.2173

■ 59.2090, -3.5540,
19.9877

■ 37.3120, -3.1118,

18.1434

■ 14.0950, -3.9908,
20.0877

■ 0.0000, 0.0000,
0.0000

■ 213.7860, -5.3175,
25.6207

■ 213.7860, -5.3175,
25.6207

■ 197.0760, -8.4185,
40.2753

■ 230.4960, -2.2165,
10.9660

■ 179.7790,
-11.2300, 55.4448

■ 247.7930, 0.5951,
-4.2035

■ 163.0690,
-14.3310, 70.0995

■ 251.4120, 1.7689,
-7.3773

■ 146.2450,
-17.8688, 84.8541

■ 128.9480,
-20.6804, 100.0236

■ 112.2380,
-23.7813, 114.6783

■ 95.5280, -26.8823,
129.3329

■ 78.8180, -29.9833,
143.9876

■ 74.0250, -30.5783,
148.1911

Harmonies

Analogous

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



213.7020, 2.1189, 20.4323



213.7860, -5.3175, 25.6207



212.5810, -11.1324, 24.0465

Triad

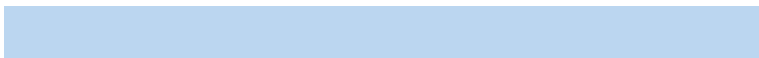
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



213.7860, -5.3175, 25.6207



207.9420, -8.8454, -9.5961



208.8910, 15.3367, -19.1984

Complementary

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



213.7860, -5.3175, 25.6207



230.2140, 5.3175, -25.6207

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.



206.7390, 12.4537, -27.8351



213.7860, -5.3175, 25.6207



206.2270, -1.0979, -21.2471

Square

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



213.7860, -5.3175, 25.6207



209.7650, -13.6881, 3.7141



205.8330, 6.4913, -28.7945



211.5230, 13.5462, -4.8437

Rectangle

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



213.7860, -5.3175, 25.6207



211.8640, -13.7370, 19.4133



205.8330, 6.4913, -28.7945



208.3420, 14.6214, -23.1019

Sweetspot

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



213.7860, -5.3175, 25.6207



246.0010, -1.4795, 7.8921



217.7480, 12.4492, 20.3920



122.3920, -1.1793, 4.9182



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.



213.7860, -5.3175, 25.6207



217.4880, -6.6496, 32.8980



224.7110, -11.6895, 16.0395



113.7020, -1.3321, 7.2773



56.6400, -23.4865, 113.4487



17.9830, -7.3866, 35.9719

Inverse Universe

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



213.7860, -5.3175, 25.6207



217.4880, -6.6496, 32.8980



219.2890, 11.6895, -16.0395



113.7020, -1.3321, 7.2773



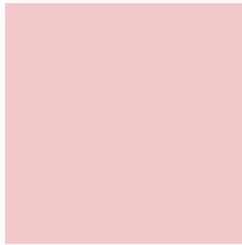
56.6400, -23.4865, 113.4487



17.9830, -7.3866, 35.9719

Previews

White Background



This preview shows how the YUV color 213.7860, -5.3175, 25.6207 looks on a white background.

Color Contrast Check

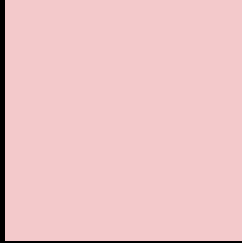
Large Text (above 18pt) WCAG AA × Fail

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 213.7860, -5.3175, 25.6207 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 213.7860, -5.3175, 25.6207

Background



This preview shows how black text looks on a background with the YUV color 213.7860, -5.3175, 25.6207.



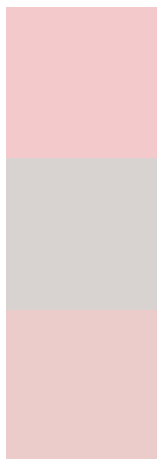
This preview shows how white text looks on a background with the YUV color 213.7860, -5.3175,

25.6207.

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

213.7860, -5.3175, 25.6207

Protanopia

211.5660, -1.7580, 3.8886

Deuteranopia

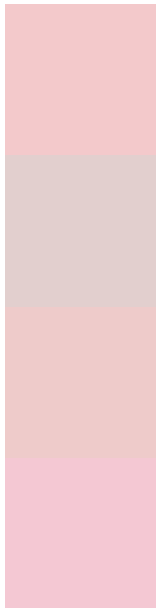
213.0410, -5.4432, 19.2580



Tritanopia

214.2790, 0.3555, 26.0653

Trichromacy



Original Color

213.7860, -5.3175, 25.6207

Protanomaly

212.5670, -3.2375, 11.7807

Deuteranomaly

213.3510, -5.5960, 21.6172

Tritanomaly

214.4100, -1.6811, 25.9504

Monochromacy



Original Color

213.7860, -5.3175, 25.6207

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.8980, -1.9217, 9.7365

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.7860, -5.3175, 25.6207 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(243, 201, 203)` looks like.

```
.text, #text, p{  
    color:rgb(243, 201, 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(243, 201, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 201, 203) }
```

Border

The CSS property to change the border of an element to YUV 213.7860, -5.3175, 25.6207 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(243, 201, 203) }
```


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

```
.border{ border-color:rgb(243, 201, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 201, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 201, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 201, 203);  
box-shadow:4px 4px 4px 4px rgb(243, 201,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 213.7860, -5.3175, 25.6207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 201, 203) }
```

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

```
.background{ background-color: rgb(243,  
201, 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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