

Converting Colors

YUV(218.3880, -58.8583,
25.0927)

Have a look what the booklet for
YUV(218.3880, -58.8583, 25.0927)
contains.

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Color

**YUV(218.3880, -58.8583,
25.0927)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E363
RGB	247, 227, 99
RGB Percent	97%, 89%, 39%
CMY	0.0314, 0.1098, 0.6118
CMYK	0.00, 0.08, 0.60, 0.03
HSL	52°, 90%, 68%
HSV	52°, 60%, 97%
XYZ	68.0790, 75.6132, 22.8110
YIQ	218.3880, 53.0080, -35.5680

Conversions

Conversions Part 2

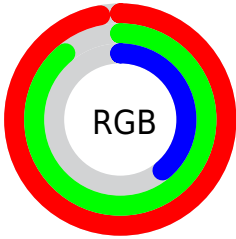
Format	Color
R_{YB}	122, 247, 99
Decimal	16245603
CIE _{Lab}	89.68, -8.15, 63.42
CIE _{LCh}	90, 63.943, 97.323
Yxy	75.6132, 0.4089, 0.4541
Android (android.graphics.Color)	4294435683 (0xFFFF7E363)
YUV	218.3880, -58.8583, 25.0927
Hunter-Lab	86.9558, -12.4225, 45.3156

Details

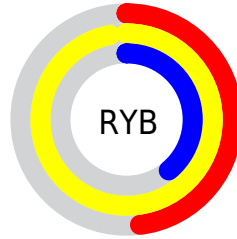
The YUV color **218.3880, -58.8583, 25.0927** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **127.6120, 58.8583, -25.0927**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.4860, -44.1166, 10.0978**, and **162.0780, -58.7055, 22.7336** is the 20% darker color. If you saturate the color by 10%, you get **213.7770, -68.9101, 29.1366**, and if you desaturate by 10%, it is **222.9990, -48.8065, 21.0489**.

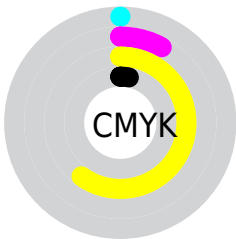
Distribution



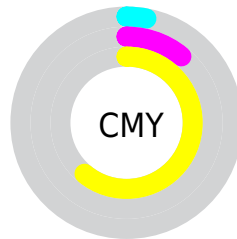
- Red (97%)
- Green (89%)
- Blue (39%)



- Red (48%)
- Yellow (97%)
- Blue (39%)



- Cyan (0%)
- Magenta (8%)
- Yellow (60%)
- Black (3%)



- Cyan (3%)
- Magenta (11%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.3880, -58.8583, 25.0927 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 218.3880, -58.8583, 25.0927 by changing the saturation by 10% instead.

218.3880,
-58.8583, 25.0927

218.3880,
-58.8583, 25.0927

255.0000, 0.0000,
0.0000

189.9040,
-58.1267, 23.7632

243.4860,
-44.1166, 10.0978

162.0780,
-58.7055, 22.7336

246.6780,
-31.8863, 7.2984

133.3570,
-65.2520, 22.4889

249.9840,
-19.2191, 4.3990

109.3100,
-53.8898, 18.1451

253.2900, -6.5520,
1.4997

87.1490, -42.9645,
13.9013

64.9880, -32.0391,
9.6575

44.3000, -21.8399,

4.9989

■ 24.4980, -12.0775,
0.4403

■ 0.0000, 0.0000,
0.0000

■ 218.3880,
-58.8583, 25.0927

■ 218.3880,
-58.8583, 25.0927

■ 213.7770,
-68.9101, 29.1366

■ 222.9990,
-48.8065, 21.0489

■ 208.6930,
-78.2356, 33.5952

■ 228.0830,
-39.4809, 16.5902

■ 204.0820,
-88.2874, 37.6391

■ 232.6940,
-29.4291, 12.5464

■ 199.4710,
-98.3392, 41.6829

■ 237.3050,
-19.3774, 8.5025

242.5030, -9.6150,
3.9439

247.0000, 0.0000,
0.0000

249.6730, 2.6262,
-2.3442

252.0210, 1.4686,
-4.4034

252.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



209.3480, -47.9926, 40.0368



218.3880, -58.8583, 25.0927



211.1950, -42.9871, -25.6040

Triad

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



218.3880, -58.8583, 25.0927



178.1680, 37.8782, -156.2533



211.5620, 21.4149, 38.0951

Complementary

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



218.3880, -58.8583, 25.0927



127.6120, 58.8583, -25.0927

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.



222.9810, 15.7854, 23.6957



218.3880, -58.8583, 25.0927



172.2980, 40.7721, -151.1053

Square

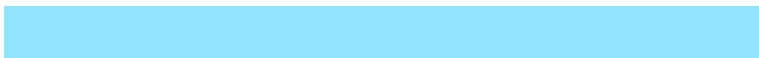
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



218.3880, -58.8583, 25.0927



176.9310, 30.6000, -155.1685



205.9730, 24.1703, -52.5963



202.0780, 5.3845, 46.4126

Rectangle

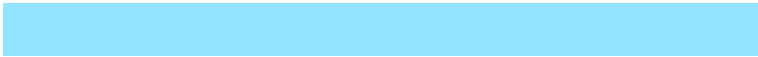
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



218.3880, -58.8583, 25.0927



202.9200, -22.6386, -65.7048



205.9730, 24.1703, -52.5963



215.6710, 19.3892, 34.4915

Sweetspot

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



218.3880, -58.8583, 25.0927



246.2340, -18.3564, 7.6878



145.7600, -12.2067, 88.7875



122.3460, -11.5096, 4.9586



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.



218.3880, -58.8583, 25.0927



219.3490, -73.1361, 31.2659



214.5800, -56.9809, -17.1717



120.0450, -4.9522, 1.7145



150.1210, -74.0097, 31.4659



47.5780, -23.4560, 10.0171

Inverse Universe

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



127.6120, 58.8583, -25.0927



106.6510, 73.1361, -31.2659



131.4200, 56.9809, 17.1717



112.5420, 4.6628, -2.2293



35.8790, 74.0097, -31.4659



11.4220, 23.4560, -10.0171

Previews

White Background



This preview shows how the YUV color 218.3880, -58.8583, 25.0927 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 218.3880, -58.8583, 25.0927 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 218.3880, -58.8583, 25.0927

Background



This preview shows how black text looks on a background with the YUV color 218.3880, -58.8583, 25.0927.

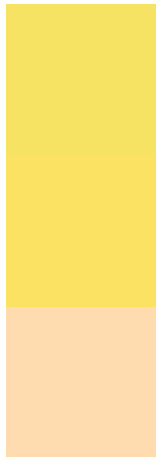


This preview shows how white text looks on a background with the YUV color 218.3880, -58.8583, 25.0927.

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

218.3880, -58.8583, 25.0927

Protanopia

218.9970, -59.1585, 28.0666

Deuteranopia

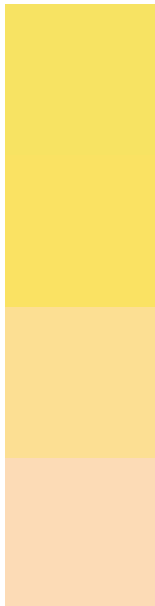
225.3350, -24.8152, 26.0162



Tritanopia

228.5560, 0.2189, 23.1914

Trichromacy



Original Color

218.3880, -58.8583, 25.0927

Protanomaly

218.6980, -59.0111, 27.4519

Deuteranomaly

223.0070, -37.4715, 25.4269

Tritanomaly

224.6490, -21.0260, 23.9868

Monochromacy



Original Color

218.3880, -58.8583, 25.0927

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.1480, -21.2720, 9.5172

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.3880, -58.8583, 25.0927 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(247, 227, 99)` looks like.

```
.text, #text, p{  
    color:rgb(247, 227, 99)  
}
```

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(247, 227, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 227, 99) }
```

Border

The CSS property to change the border of an element to YUV 218.3880, -58.8583, 25.0927 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(247, 227, 99) }
```


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

```
.border{ border-color:rgb(247, 227, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 227, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 227, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 227, 99);  
box-shadow:4px 4px 4px 4px rgb(247, 227,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 218.3880, -58.8583, 25.0927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 227, 99) }
```

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

```
.background{ background-color: rgb(247,  
227, 99) }
```

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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