

Converting Colors

YUV(58.2470, -21.3208,
25.2164)

Have a look what the booklet for
YUV(58.2470, -21.3208, 25.2164)
contains.

YUV(58.2470, -21.3208, 25.2164)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(58.2470, -21.3208,
25.2164)**

Conversions

Conversions Part 1

Format	Color
Hex	57340F
RGB	87, 52, 15
RGB Percent	34%, 20%, 6%
CMY	0.6588, 0.7961, 0.9412
CMYK	0.00, 0.40, 0.83, 0.66
HSL	31°, 71%, 20%
HSV	31°, 83%, 34%
XYZ	5.2447, 4.5167, 1.0473
YIQ	58.2470, 32.7370, -4.0870

Conversions

Conversions Part 2

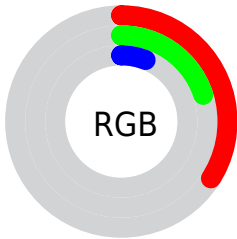
Format	Color
RYB	83, 87, 15
Decimal	5714959
CIELab	25.31, 12.29, 28.69
CIELCh	25, 31.213, 66.812
Yxy	4.5167, 0.4852, 0.4179
Android (android.graphics.Color)	4283905039 (0xFF57340F)
YUV	58.2470, -21.3208, 25.2164
Hunter-Lab	21.2526, 6.8582, 11.9550

Details

The YUV color **58.2470, -21.3208, 25.2164** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **43.7530, 21.3208, -25.2164**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.8130, -23.0788, 29.1050**, and **16.3460, -8.0586, 18.1136** is the 20% darker color. If you saturate the color by 10%, you get **54.8730, -24.0944, 28.1754**, and if you desaturate by 10%, it is **61.6210, -18.5472, 22.2574**.

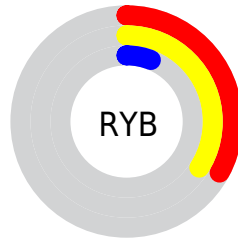
Distribution



Red (34%)

Green (20%)

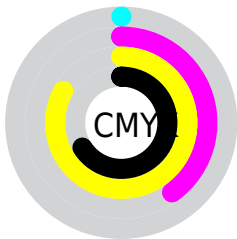
Blue (6%)



Red (33%)

Yellow (34%)

Blue (6%)

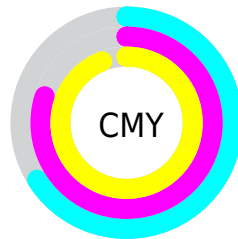


Cyan (0%)

Magenta (40%)

Yellow (83%)

Black (66%)



Cyan (66%)

Magenta (80%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.2470, -21.3208, 25.2164 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 58.2470, -21.3208, 25.2164 by changing the saturation by 10% instead.

■ 58.2470, -21.3208,
25.2164

■ 58.2470, -21.3208,
25.2164

■ 253.6320, -5.2416,
1.1997

■ 36.7350, -18.1104,
22.1574

■ 106.8130,
-23.0788, 29.1050

■ 16.3460, -8.0586,
18.1136

■ 132.4820,
-24.3946, 31.1493

■ 0.0000, 0.0000,
0.0000

■ 158.3790,
-24.8368, 32.9936

■ 185.7490,
-26.0053, 34.4231

■ 213.3470,
-26.3001, 35.6527

■ 233.7470,

-23.0463, 18.6389

■ 250.4400,
-17.4719, 3.9991

■ 58.2470, -21.3208,
25.2164

■ 58.2470, -21.3208,
25.2164

■ 54.8730, -24.0944,
28.1754

■ 61.6210, -18.5472,
22.2574

■ 52.4280, -25.8470,
30.3196

■ 64.8810, -16.2103,
19.3984

■ 68.8420, -13.7261,
15.9246

■ 72.2160, -10.9525,
12.9656

■ 75.4760, -8.6157,
10.1065

■ 78.8500, -5.8420,
7.1476

■ 82.8110, -3.3578,
3.6738

■ 86.1850, -0.5842,
0.7148

■ 89.4450, 1.7526,
-2.1443

Harmonies

Analogous

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



58.9030, -12.7702, 36.0421



58.2470, -21.3208, 25.2164



56.7520, -24.0347, 8.9875

Triad

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



58.2470, -21.3208, 25.2164



49.0870, 7.8451, -43.0493



61.4410, 18.0236, 5.7522

Complementary

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



58.2470, -21.3208, 25.2164



43.7530, 21.3208, -25.2164

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.



53.3870, 26.4312, -31.0344



58.2470, -21.3208, 25.2164



51.7090, 17.8915, -45.3488

Square

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



58.2470, -21.3208, 25.2164



45.6500, -2.7854, -40.0350



51.0710, 25.6010, -44.7893



61.4670, 8.6438, 27.6544

Rectangle

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



58.2470, -21.3208, 25.2164



55.0000, -20.2130, -3.5080



51.0710, 25.6010, -44.7893



60.6570, 20.3821, -4.0842

Sweetspot

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



58.2470, -21.3208, 25.2164



101.1770, -8.4683, 9.4918



40.6320, 5.1114, 40.6647



49.3660, -5.1104, 5.8180



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



58.2470, -21.3208, 25.2164



67.6480, -32.8575, 38.8967



78.7920, -31.4495, 7.1984



41.3700, -1.1684, 1.4295



64.2780, -31.6891, 37.4672



141.2920, -69.6570, 82.1819

Inverse Universe

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



43.7530, 21.3208, -25.2164



45.3520, 32.8575, -38.8967



23.2080, 31.4495, -7.1984



40.6300, 1.1684, -1.4295



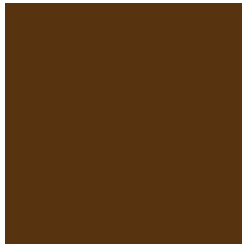
42.7220, 31.6891, -37.4672



93.7080, 69.6570, -82.1819

Previews

White Background



This preview shows how the YUV color 58.2470, -21.3208, 25.2164 looks on a white background.

Color Contrast Check

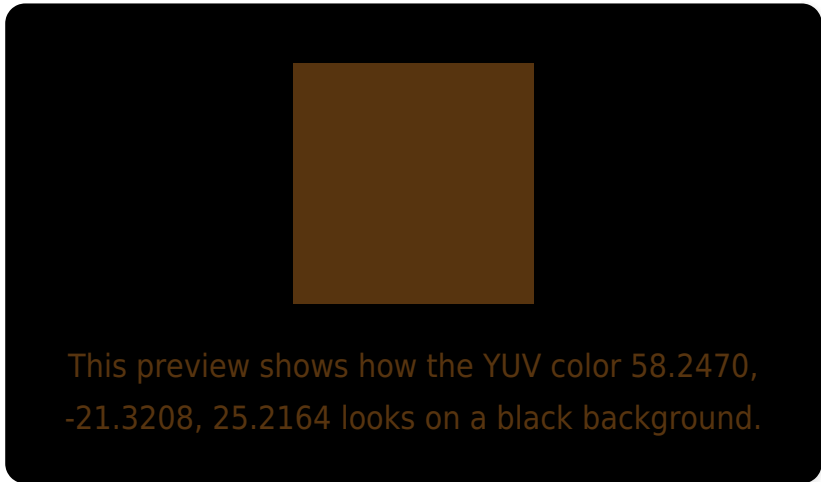
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

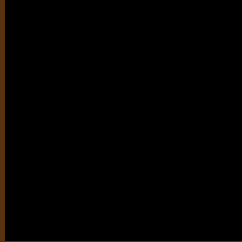
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.2470, -21.3208, 25.2164

Background



This preview shows how black text looks on a background with the YUV color 58.2470, -21.3208, 25.2164.



This preview shows how white text looks on a background with the YUV color 58.2470, -21.3208,

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

58.2470, -21.3208, 25.2164

Protanopia

58.0770, -20.2510, 8.7025

Deuteranopia

57.5510, -22.4566, 16.1798



Tritanopia

61.3020, -4.5859, 24.2911

Trichromacy



Original Color

58.2470, -21.3208, 25.2164

Protanomaly

58.2950, -20.8514, 14.6503

Deuteranomaly

57.6870, -22.0307, 19.5685

Tritanomaly

60.1080, -10.4062, 24.4613

Monochromacy



Original Color

58.2470, -21.3208, 25.2164

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.2910, -8.0315, 9.3918

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.2470, -21.3208, 25.2164 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(87, 52, 15)` looks like.

```
.text, #text, p{  
    color:rgb(87, 52, 15)  
}
```

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(87, 52, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 52, 15) }
```

Border

The CSS property to change the border of an element to YUV 58.2470, -21.3208, 25.2164 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(87, 52, 15) }
```


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

```
.border{ border-color:rgb(87, 52, 15) }
```

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

Here you see how a box with a 4 pixel rgb(87, 52, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 52, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 52, 15);  
box-shadow:4px 4px 4px 4px rgb(87, 52, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.2470, -21.3208, 25.2164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 52, 15) }
```

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

```
.background{ background-color: rgb(87, 52,  
15) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor