

Converting Colors

YUV(56.5460, -21.4682,
25.8312)

Have a look what the booklet for
YUV(56.5460, -21.4682, 25.8312)
contains.

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Color

**YUV(56.5460, -21.4682,
25.8312)**

Conversions

Conversions Part 1

Format	Color
Hex	56320D
RGB	86, 50, 13
RGB Percent	34%, 20%, 5%
CMY	0.6627, 0.8039, 0.9490
CMYK	0.00, 0.42, 0.85, 0.66
HSL	30°, 74%, 19%
HSV	30°, 85%, 34%
XYZ	5.0510, 4.2887, 0.9424
YIQ	56.5460, 33.3330, -3.8750

Conversions

Conversions Part 2

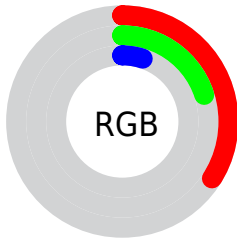
Format	Color
R_{YB}	84, 86, 13
Decimal	5648909
CIE Lab	24.60, 12.97, 28.94
CIE LCh	25, 31.713, 65.868
Yxy	4.2887, 0.4912, 0.4171
Android (android.graphics.Color)	4283838989 (0xFF56320D)
YUV	56.5460, -21.4682, 25.8312
Hunter-Lab	20.7092, 7.2954, 11.7985

Details

The YUV color **56.5460, -21.4682, 25.8312** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **42.4540, 21.4682, -25.8312**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.5250, -22.9368, 30.2346**, and **14.5850, -7.1904, 19.6580** is the 20% darker color. If you saturate the color by 10%, you get **53.1720, -24.2418, 28.7902**, and if you desaturate by 10%, it is **59.9200, -18.6946, 22.8722**.

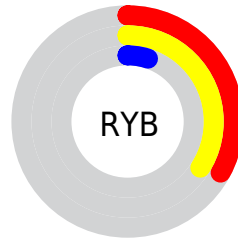
Distribution



Red (34%)

Green (20%)

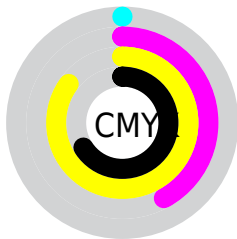
Blue (5%)



Red (33%)

Yellow (34%)

Blue (5%)

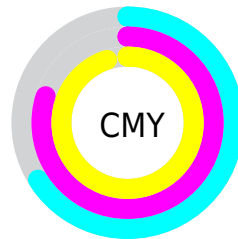


Cyan (0%)

Magenta (42%)

Yellow (85%)

Black (66%)



Cyan (66%)

Magenta (80%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.5460, -21.4682, 25.8312 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 56.5460, -21.4682, 25.8312 by changing the saturation by 10% instead.

■ 56.5460, -21.4682,
25.8312

■ 56.5460, -21.4682,
25.8312

■ 253.4040, -6.1152,
1.3997

■ 35.2620, -17.3842,
22.5722

■ 104.5250,
-22.9368, 30.2346

■ 14.5850, -7.1904,
19.6580

■ 130.1940,
-24.2526, 32.2789

■ 0.0000, 0.0000,
0.0000


■ 156.6780,
-24.9843, 33.6084


■ 184.0480,
-26.1527, 35.0379


■ 211.8310,
-27.0317, 36.9822


■ 231.6440,


-23.4885, 20.4832


 250.0980,
-18.7823, 4.2991


 56.5460, -21.4682,
25.8312


 56.5460, -21.4682,
25.8312


 53.1720, -24.2418,
28.7902


 59.9200, -18.6946,
22.8722

 51.5420, -25.4102,
30.2197

 63.1800, -16.3577,
20.0131

 67.1410, -13.8735,
16.5393

 70.4010, -11.5367,
13.6803

 73.7750, -8.7631,
10.7213

■ 77.1490, -5.9895,
7.7623

■ 80.9960, -3.9420,
4.3885

■ 84.3700, -1.1684,
1.4295

■ 87.6300, 1.1684,
-1.4295

Harmonies

Analogous

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



56.7290, -12.1914, 37.0717



56.5460, -21.4682, 25.8312



54.9370, -24.6189, 9.7023

Triad

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



56.5460, -21.4682, 25.8312



48.2720, 7.2609, -42.3345



59.8430, 18.3184, 4.5227

Complementary

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



56.5460, -21.4682, 25.8312



42.4540, 21.4682, -25.8312

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.



49.6960, 27.7579, -36.5674



56.5460, -21.4682, 25.8312



50.3070, 17.5966, -44.1192

Square

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



56.5460, -21.4682, 25.8312



44.2480, -3.0803, -38.8055



50.3700, 25.4536, -44.1745



59.5810, 9.0806, 27.5545

Rectangle

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



56.5460, -21.4682, 25.8312



53.1850, -20.7972, -2.7932



50.3700, 25.4536, -44.1745



58.5860, 21.4031, -4.8989

Sweetspot

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



56.5460, -21.4682, 25.8312



100.5900, -8.1789, 10.0066



38.9310, 4.9640, 41.2795



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.



56.5460, -21.4682, 25.8312



66.9470, -33.0049, 39.5115



77.6780, -31.8863, 7.2984



41.3700, -1.1684, 1.4295



63.6910, -31.3997, 37.9820



140.1180, -69.0782, 83.2115

Inverse Universe

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



42.4540, 21.4682, -25.8312



45.0530, 33.0049, -39.5115



21.3220, 31.8863, -7.2984



40.6300, 1.1684, -1.4295



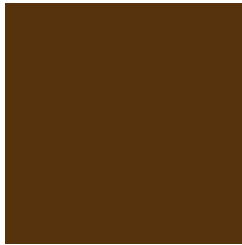
43.3090, 31.3997, -37.9820



94.8820, 69.0782, -83.2115

Previews

White Background



This preview shows how the YUV color 56.5460, -21.4682, 25.8312 looks on a white background.

Color Contrast Check

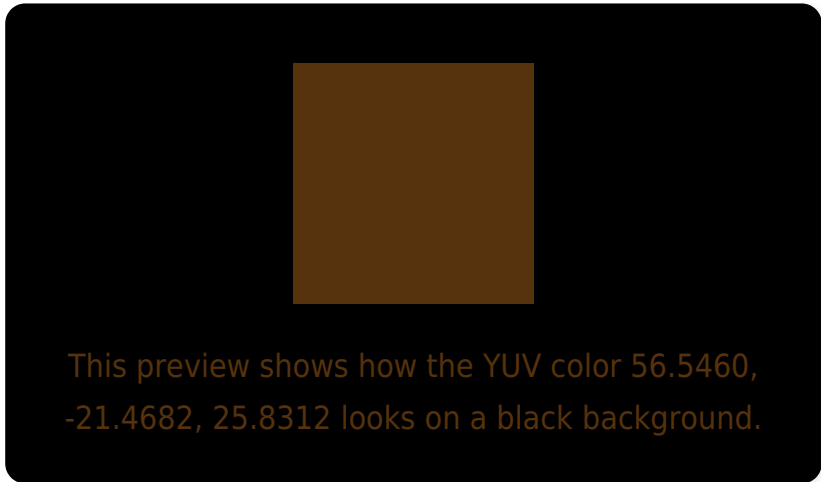
Large Text (above 18pt) WCAG AA ✓ Pass

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

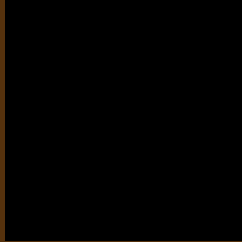
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.5460, -21.4682, 25.8312

Background



This preview shows how black text looks on a background with the YUV color 56.5460, -21.4682, 25.8312.



This preview shows how white text looks on a background with the YUV color 56.5460, -21.4682,

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

56.5460, -21.4682, 25.8312

Protanopia

56.0770, -20.2510, 8.7025

Deuteranopia

56.4370, -22.8934, 16.2798



Tritanopia

59.6010, -4.7333, 24.9059

Trichromacy



Original Color

56.5460, -21.4682, 25.8312

Protanomaly

56.2950, -20.8514, 14.6503

Deuteranomaly

56.5730, -22.4675, 19.6685

Tritanomaly

58.4070, -10.5537, 25.0761

Monochromacy



Original Color

56.5460, -21.4682, 25.8312

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.7040, -7.7421, 9.9066

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.5460, -21.4682, 25.8312 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(86, 50, 13)` looks like.

```
.text, #text, p{  
    color:rgb(86, 50, 13)  
}
```

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(86, 50, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 50, 13) }
```

Border

The CSS property to change the border of an element to YUV 56.5460, -21.4682, 25.8312 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(86, 50, 13) }
```


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

```
.border{ border-color:rgb(86, 50, 13) }
```

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

Here you see how a box with a 4 pixel rgb(86, 50, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 50, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 50, 13);  
box-shadow:4px 4px 4px 4px rgb(86, 50, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.5460, -21.4682, 25.8312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 50, 13) }
```

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

```
.background{ background-color: rgb(86, 50,  
13) }
```

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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