

Converting Colors

YUV(52.8990, -20.1632,
27.2756)

Have a look what the booklet for
YUV(52.8990, -20.1632, 27.2756)
contains.

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Color

**YUV(52.8990, -20.1632,
27.2756)**

Conversions

Conversions Part 1

Format	Color
Hex	542D0C
RGB	84, 45, 12
RGB Percent	33%, 18%, 5%
CMY	0.6706, 0.8235, 0.9529
CMYK	0.00, 0.46, 0.86, 0.67
HSL	28°, 75%, 19%
HSV	28°, 86%, 33%
XYZ	4.6609, 3.7881, 0.8334
YIQ	52.8990, 33.8370, -1.9950

Conversions

Conversions Part 2

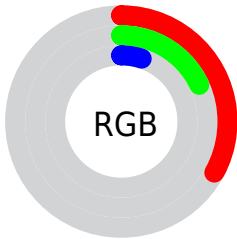
Format	Color
R_{YB}	84, 73, 12
Decimal	5516556
CIE Lab	22.96, 15.09, 27.66
CIE LCh	23, 31.511, 61.390
Yxy	3.7881, 0.5021, 0.4081
Android (android.graphics.Color)	4283706636 (0xFF542D0C)
YUV	52.8990, -20.1632, 27.2756
Hunter-Lab	19.4631, 8.6855, 11.0856

Details

The YUV color **52.8990, -20.1632, 27.2756** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **43.1010, 20.1632, -27.2756**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.7640, -22.0687, 31.7790**, and **10.4650, -5.1592, 21.5172** is the 20% darker color. If you saturate the color by 10%, you get **49.0520, -22.2106, 30.6494**, and if you desaturate by 10%, it is **56.7460, -18.1158, 23.9018**.

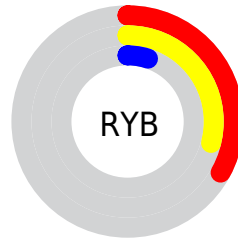
Distribution



 Red (33%)

 Green (18%)

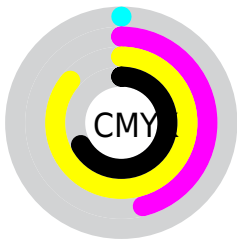
 Blue (5%)



 Red (33%)

 Yellow (29%)

 Blue (5%)

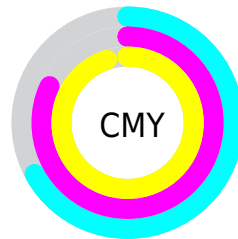


 Cyan (0%)

 Magenta (46%)

 Yellow (86%)

 Black (67%)



 Cyan (67%)


 Magenta (82%)


 Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YUV color 52.8990, -20.1632, 27.2756 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 52.8990, -20.1632, 27.2756 by changing the saturation by 10% instead.


 52.8990, -20.1632,
27.2756

 52.8990, -20.1632,
27.2756

 253.1760, -6.9888,
1.5996


 31.7290, -15.6424,
23.9167


 100.7640,
-22.0687, 31.7790


 10.4650, -5.1592,
21.5172

 126.5470,
-22.9477, 33.7233

 0.0000, 0.0000,
0.0000

 152.3300,
-23.8267, 35.6676

 179.7000,
-24.9951, 37.0971

 207.4830,
-25.8741, 39.0414

 227.8940,

-22.6257, 23.7720

■ 248.1090,
-18.7877, 6.0434

■ 52.8990, -20.1632,
27.2756

■ 52.8990, -20.1632,
27.2756

■ 49.0520, -22.2106,
30.6494

■ 56.7460, -18.1158,
23.9018

■ 48.0090, -23.6684,
31.5641

■ 60.1200, -15.3422,
20.9428

■ 63.9670, -13.2947,
17.5689

■ 67.3410, -10.5211,
14.6099

■ 71.1880, -8.4737,
11.2361

■ 74.4480, -6.1369,
8.3771

■ 78.4090, -3.6526,
4.9033

■ 81.6690, -1.3158,
2.0443

■ 85.6300, 1.1684,
-1.4295

Harmonies

Analogous

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



53.1850, -10.4442, 36.6718



52.8990, -20.1632, 27.2756



51.5460, -24.9192, 12.6762

Triad

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



52.8990, -20.1632, 27.2756



45.0120, 4.9241, -39.4755



55.7500, 19.3502, 0.2193

Complementary

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



52.8990, -20.1632, 27.2756



43.1010, 20.1632, -27.2756

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.



45.0870, 28.0581, -39.5413



52.8990, -20.1632, 27.2756



47.7480, 15.4072, -41.8750

Square

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



52.8990, -20.1632, 27.2756



41.4010, -5.1277, -35.4317



47.9250, 23.7010, -42.0302



56.3140, 10.6912, 24.2806

Rectangle

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



52.8990, -20.1632, 27.2756



50.4520, -22.4078, 0.4806



47.9250, 23.7010, -42.0302



53.7810, 22.2930, -10.3319

Sweetspot

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



52.8990, -20.1632, 27.2756



97.3020, -8.0369, 11.1361



38.0880, 6.8586, 40.2648



48.7790, -4.8210, 6.3328



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.



52.8990, -20.1632, 27.2756



62.2400, -30.6843, 41.8855



73.4440, -30.2919, 9.2576



39.3700, -1.1684, 1.4295



59.5710, -29.3685, 39.8412



131.5900, -64.8739, 88.0596

Inverse Universe

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



43.1010, 20.1632, -27.2756



47.1730, 30.9737, -41.3707



22.5560, 30.2919, -9.2576



38.6300, 1.1684, -1.4295



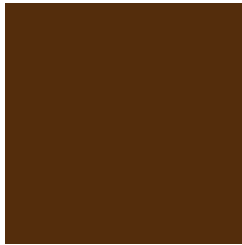
45.4290, 29.3685, -39.8412



100.4100, 64.8739, -88.0596

Previews

White Background



This preview shows how the YUV color 52.8990, -20.1632, 27.2756 looks on a white background.

Color Contrast Check

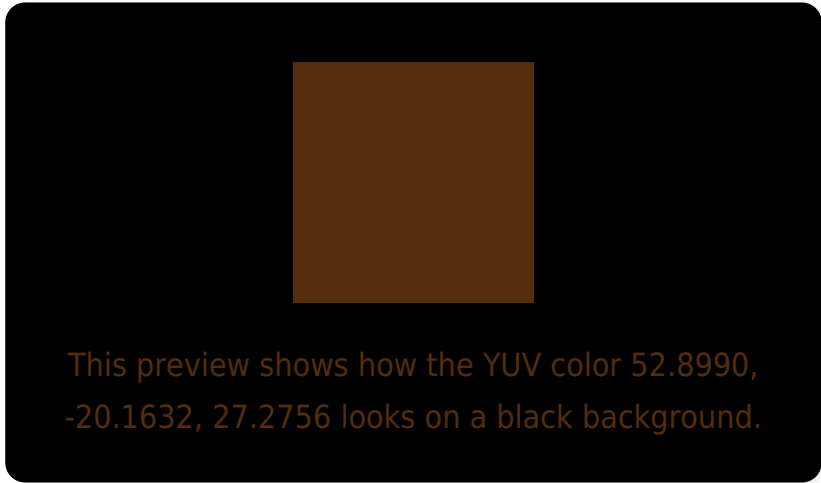
Large Text (above 18pt) WCAG AA ✓ Pass

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

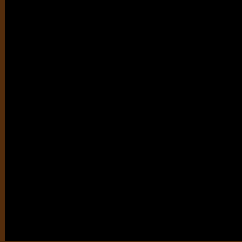
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.8990, -20.1632, 27.2756

Background



This preview shows how black text looks on a background with the YUV color 52.8990, -20.1632, 27.2756.



This preview shows how white text looks on a background with the YUV color 52.8990, -20.1632,

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

52.8990, -20.1632, 27.2756

Protanopia

53.1200, -18.7932, 7.7878

Deuteranopia

52.8390, -22.5986, 15.0502



Tritanopia

55.1990, -5.0281, 26.1355

Trichromacy



Original Color

52.8990, -20.1632, 27.2756

Protanomaly

53.0500, -19.2516, 14.8652

Deuteranomaly

52.8010, -21.5939, 19.4685

Tritanomaly

54.4180, -10.5591, 26.8204

Monochromacy



Original Color

52.8990, -20.1632, 27.2756

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.8180, -7.3053, 9.8066

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.8990, -20.1632, 27.2756 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(84, 45, 12)` looks like.

```
.text, #text, p{  
    color:rgb(84, 45, 12)  
}
```

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(84, 45, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 45, 12) }
```

Border

The CSS property to change the border of an element to YUV 52.8990, -20.1632, 27.2756 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(84, 45, 12) }
```


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

```
.border{ border-color:rgb(84, 45, 12) }
```

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

Here you see how a box with a 4 pixel rgb(84, 45, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 45, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 45, 12);  
box-shadow:4px 4px 4px 4px rgb(84, 45, 12)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.8990, -20.1632, 27.2756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 45, 12) }
```

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

```
.background{ background-color: rgb(84, 45,  
12) }
```

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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