

Converting Colors

YUV(50.2950, -17.4004,
27.8053)

Have a look what the booklet for
YUV(50.2950, -17.4004, 27.8053)
contains.

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Color

**YUV(50.2950, -17.4004,
27.8053)**

Conversions

Conversions Part 1

Format	Color
Hex	52290F
RGB	82, 41, 15
RGB Percent	32%, 16%, 6%
CMY	0.6784, 0.8392, 0.9412
CMYK	0.00, 0.50, 0.82, 0.68
HSL	23°, 69%, 19%
HSV	23°, 82%, 32%
XYZ	4.3588, 3.4142, 0.8812
YIQ	50.2950, 32.7820, 0.6060

Conversions

Conversions Part 2

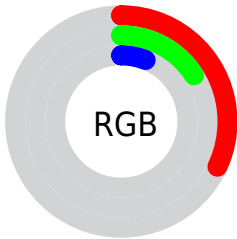
Format	Color
RYB	82, 57, 15
Decimal	5384463
CIELab	21.63, 16.76, 24.69
CIELCh	22, 29.845, 55.826
Yxy	3.4142, 0.5037, 0.3945
Android (android.graphics.Color)	4283574543 (0xFF52290F)
YUV	50.2950, -17.4004, 27.8053
Hunter-Lab	18.4776, 9.7722, 10.1067

Details

The YUV color **50.2950, -17.4004, 27.8053** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **46.7050, 17.4004, -27.8053**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.0460, -19.7427, 32.4087**, and **10.1660, -5.0118, 20.9024** is the 20% darker color. If you saturate the color by 10%, you get **46.4480, -19.4479, 31.1791**, and if you desaturate by 10%, it is **54.1420, -15.3530, 24.4315**.

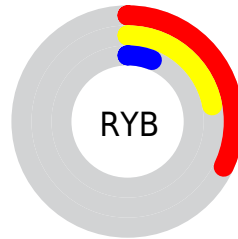
Distribution



Red (32%)

Green (16%)

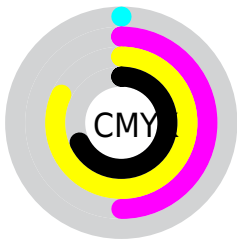
Blue (6%)



Red (32%)

Yellow (22%)

Blue (6%)

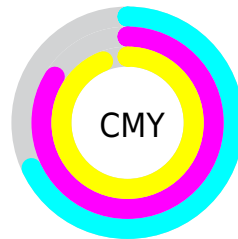


Cyan (0%)

Magenta (50%)

Yellow (82%)

Black (68%)



Cyan (68%)


Magenta (84%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YUV color 50.2950, -17.4004, 27.8053 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 50.2950, -17.4004, 27.8053 by changing the saturation by 10% instead.


 50.2950, -17.4004,
27.8053


 50.2950, -17.4004,
27.8053

 253.4040, -6.1152,
1.3997

 28.7830, -14.1900,
24.7463

 98.0460, -19.7427,
32.4087


 10.1660, -5.0118,
20.9024

 123.2420,
-20.3323, 34.8678

 0.0000, 0.0000,
0.0000

 149.6120,
-21.5007, 36.2973


 176.3950,
-22.3797, 38.2416


 203.9930,
-22.6745, 39.4711


 225.3010,


-19.8684, 26.0460


 245.4020,
-16.4672, 8.4174


 50.2950, -17.4004,
27.8053


 50.2950, -17.4004,
27.8053


 46.4480, -19.4479,
31.1791


 54.1420, -15.3530,
24.4315

 43.3020, -21.3479,
33.9381

 57.9890, -13.3056,
21.0576

 61.9500, -10.8214,
17.5838

 65.7970, -8.7739,
14.2100

 69.6440, -6.7265,
10.8362

■ 73.4910, -4.6791,
7.4624

■ 77.3380, -2.6316,
4.0886

■ 81.2990, -0.1474,
0.6148

■ 85.1460, 1.9000,
-2.7590

Harmonies

Analogous

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



50.4560, -8.1128, 35.5571



50.2950, -17.4004, 27.8053



49.3120, -23.3248, 14.6354

Triad

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



50.2950, -17.4004, 27.8053



41.8660, 3.0241, -36.7165



51.8310, 19.8033, -5.1138

Complementary

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



50.2950, -17.4004, 27.8053



46.7050, 17.4004, -27.8053

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.



43.2290, 26.0161, -37.9118



50.2950, -17.4004, 27.8053



44.3740, 12.6336, -38.9160

Square

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



50.2950, -17.4004, 27.8053



42.0710, -7.9230, -25.4953



45.2520, 21.0748, -39.6860



53.8080, 11.4337, 19.4624

Rectangle

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



50.2950, -17.4004, 27.8053



47.5880, -21.9819, 3.8693



45.2520, 21.0748, -39.6860



49.3350, 22.0198, -16.0798

Sweetspot

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



50.2950, -17.4004, 27.8053



94.5300, -7.1633, 10.9362



39.7070, 8.0324, 37.0910



46.1920, -4.5317, 6.8476



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



50.2950, -17.4004, 27.8053



57.4620, -27.3428, 43.4448



69.6660, -26.9503, 10.8169



38.7830, -0.8790, 1.9443



55.4620, -27.3428, 43.4448



122.1980, -60.2436, 96.2964

Inverse Universe

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



46.7050, 17.4004, -27.8053



51.5380, 27.3428, -43.4448



27.3340, 26.9503, -10.8169



38.6300, 1.1684, -1.4295



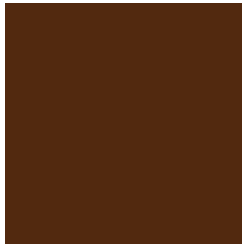
49.5380, 27.3428, -43.4448



109.8020, 60.2436, -96.2964

Previews

White Background



This preview shows how the YUV color 50.2950, -17.4004, 27.8053 looks on a white background.

Color Contrast Check

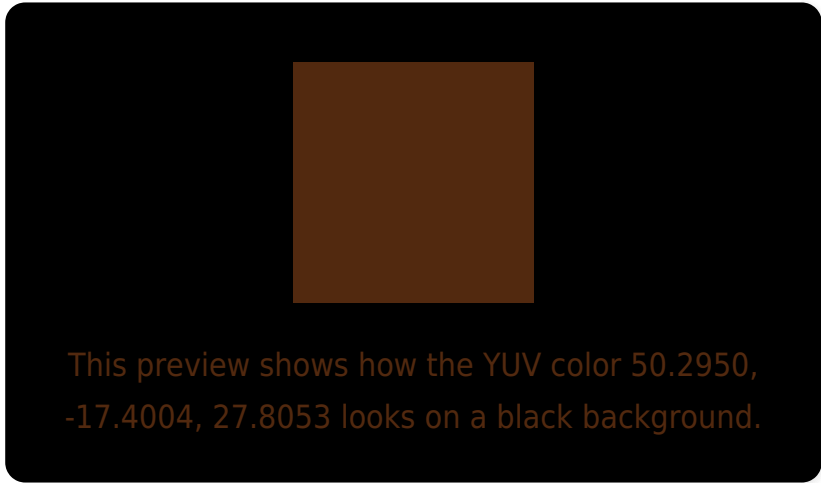
Large Text (above 18pt) WCAG AA ✓ Pass

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

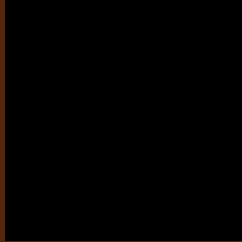
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.2950, -17.4004, 27.8053

Background



This preview shows how black text looks on a background with the YUV color 50.2950, -17.4004, 27.8053.



This preview shows how white text looks on a background with the YUV color 50.2950, -17.4004,

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

50.2950, -17.4004, 27.8053

Protanopia

50.8040, -16.1724, 7.1879

Deuteranopia

50.3380, -19.3936, 13.7356



Tritanopia

51.7970, -5.3229, 27.3650

Trichromacy



Original Color

50.2950, -17.4004, 27.8053

Protanomaly

50.7340, -16.6309, 14.2653

Deuteranomaly

50.4850, -18.9731, 18.8687

Tritanomaly

51.3580, -9.5435, 27.7500

Monochromacy



Original Color

50.2950, -17.4004, 27.8053

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.3450, -6.5791, 10.2214

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.2950, -17.4004, 27.8053 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(82, 41, 15)` looks like.

```
.text, #text, p{  
    color:rgb(82, 41, 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(82, 41, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 41, 15) }
```

Border

The CSS property to change the border of an element to YUV 50.2950, -17.4004, 27.8053 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(82, 41, 15) }
```


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

```
.border{ border-color:rgb(82, 41, 15) }
```

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

Here you see how a box with a 4 pixel rgb(82, 41, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 41, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 41, 15);  
box-shadow:4px 4px 4px 4px rgb(82, 41, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.2950, -17.4004, 27.8053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 41, 15) }
```

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

```
.background{ background-color: rgb(82, 41,  
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](#).

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