

Converting Colors

YUV(55.2950, -17.4004,
27.8053)

Have a look what the booklet for
YUV(55.2950, -17.4004, 27.8053)
contains.

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Color

**YUV(55.2950, -17.4004,
27.8053)**

Conversions

Conversions Part 1

Format	Color
Hex	572E14
RGB	87, 46, 20
RGB Percent	34%, 18%, 8%
CMY	0.6588, 0.8196, 0.9216
CMYK	0.00, 0.47, 0.77, 0.66
HSL	23°, 63%, 21%
HSV	23°, 77%, 34%
XYZ	5.0337, 4.0307, 1.1745
YIQ	55.2950, 32.7820, 0.6060

Conversions

Conversions Part 2

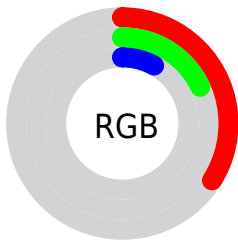
Format	Color
RYB	87, 62, 20
Decimal	5713428
CIELab	23.77, 16.33, 24.38
CIELCh	24, 29.348, 56.183
Yxy	4.0307, 0.4916, 0.3937
Android (android.graphics.Color)	4283903508 (0xFF572E14)
YUV	55.2950, -17.4004, 27.8053
Hunter-Lab	20.0767, 9.6203, 10.5851

Details

The YUV color **55.2950, -17.4004, 27.8053** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **51.7050, 17.4004, -27.8053**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.1600, -19.3059, 32.3087**, and **11.3620, -5.6015, 23.3615** is the 20% darker color. If you saturate the color by 10%, you get **51.3340, -19.8847, 31.2791**, and if you desaturate by 10%, it is **59.2560, -14.9162, 24.3315**.

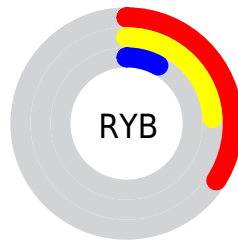
Distribution



Red (34%)

Green (18%)

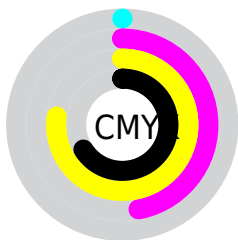
Blue (8%)



Red (34%)

Yellow (24%)

Blue (8%)

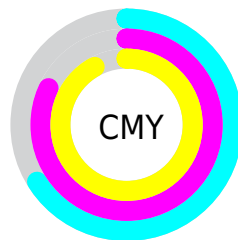


Cyan (0%)

Magenta (47%)

Yellow (77%)

Black (66%)



Cyan (66%)

Magenta (82%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.2950, -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 55.2950, -17.4004, 27.8053 by changing the saturation by 10% instead.

■ 55.2950, -17.4004,
27.8053

■ 55.2950, -17.4004,
27.8053

■ 254.2020, -3.0576,
0.6998

■ 32.6260, -16.0846,
25.7610

■ 103.1600,
-19.3059, 32.3087

■ 11.3620, -5.6015,
23.3615

■ 128.8290,
-20.6217, 34.3530

■ 0.0000, 0.0000,
0.0000

■ 155.3130,
-21.3533, 35.6825

■ 182.2100,
-21.7955, 37.5268

■ 210.2810,
-22.8165, 38.3416

■ 230.0940,

-19.2733, 21.8426

■ 249.7220,
-15.1459, 4.6288

■ 55.2950, -17.4004,
27.8053

■ 55.2950, -17.4004,
27.8053

■ 51.3340, -19.8847,
31.2791

■ 59.2560, -14.9162,
24.3315

■ 46.9000, -21.6427,
35.1677

■ 63.6900, -13.1582,
20.4429

■ 45.9710, -22.6637,
35.9824

■ 67.6510, -10.6739,
16.9691

■ 71.6120, -8.1897,
13.4953

■ 76.0460, -6.4317,
9.6067

■ 80.0070, -3.9475,
6.1329

■ 83.9680, -1.4632,
2.6591

■ 88.5160, 0.7316,
-1.3295

■ 92.3630, 2.7790,
-4.7034

Harmonies

Analogous

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



55.3420, -8.5496, 35.6571



55.2950, -17.4004, 27.8053



54.5400, -22.4512, 14.4354

Triad

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



55.2950, -17.4004, 27.8053



45.3710, 3.7611, -39.7904



57.0160, 19.2191, -4.3990

Complementary

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



55.2950, -17.4004, 27.8053



51.7050, 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.



46.6200, 26.3163, -40.8857



55.2950, -17.4004, 27.8053



47.8790, 13.3707, -41.9899

Square

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



55.2950, -17.4004, 27.8053



47.3700, -8.0704, -24.8805



48.7570, 21.8118, -42.7599



58.6940, 10.9969, 19.5624

Rectangle

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



55.2950, -17.4004, 27.8053



52.8160, -21.1083, 3.6694



48.7570, 21.8118, -42.7599



54.9330, 21.7250, -14.8502

Sweetspot

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



55.2950, -17.4004, 27.8053



99.6440, -6.7265, 10.8362



44.7070, 8.0324, 37.0910



48.3060, -4.0949, 6.7476



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.



55.2950, -17.4004, 27.8053



63.2770, -26.7586, 42.7301



74.6660, -26.9503, 10.8169



41.3700, -1.1684, 1.4295



56.6470, -27.9270, 44.1596



123.6820, -60.9752, 97.6259

Inverse Universe

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



51.7050, 17.4004, -27.8053



57.7230, 26.7586, -42.7301



32.3340, 26.9503, -10.8169



41.2170, 0.8790, -1.9443



50.9400, 27.6376, -44.6744



111.3180, 60.9752, -97.6259

Previews

White Background



This preview shows how the YUV color 55.2950, -17.4004, 27.8053 looks on a white background.

Color Contrast Check

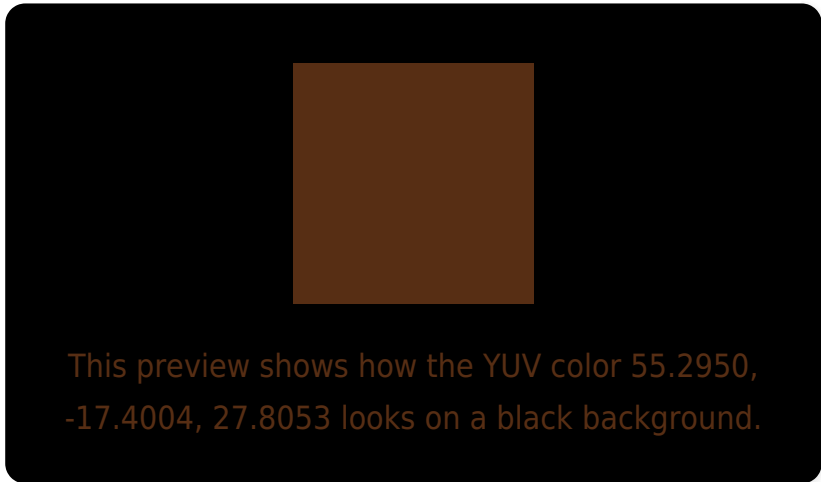
Large Text (above 18pt) WCAG AA ✓ Pass

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

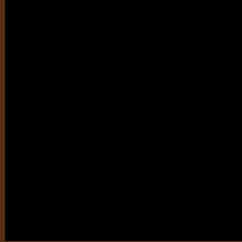
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.2950, -17.4004, 27.8053

Background



This preview shows how black text looks on a background with the YUV color 55.2950, -17.4004, 27.8053.



This preview shows how white text looks on a background with the YUV color 55.2950, -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

55.2950, -17.4004, 27.8053

Protanopia

55.2170, -15.8830, 7.7027

Deuteranopia

55.1640, -18.8149, 14.7652



Tritanopia

56.7970, -5.3229, 27.3650

Trichromacy



Original Color

55.2950, -17.4004, 27.8053

Protanomaly

55.1470, -16.3415, 14.7801

Deuteranomaly

55.0120, -18.2469, 19.2835

Tritanomaly

56.3580, -9.5435, 27.7500

Monochromacy



Original Color

55.2950, -17.4004, 27.8053

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.3450, -6.5791, 10.2214

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.2950, -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(87, 46, 20)` looks like.

```
.text, #text, p{  
    color:rgb(87, 46, 20)  
}
```

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, 46, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 46, 20) }
```

Border

The CSS property to change the border of an element to YUV 55.2950, -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(87, 46, 20) }
```


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

```
.border{ border-color:rgb(87, 46, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 46, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 46, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 46, 20);  
box-shadow:4px 4px 4px 4px rgb(87, 46, 20)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.2950, -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(87, 46, 20) }
```

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

```
.background{ background-color: rgb(87, 46,  
20) }
```

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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