

Converting Colors

YUV(52.4090, -16.9636,
27.7053)

Have a look what the booklet for
YUV(52.4090, -16.9636, 27.7053)
contains.

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Color

**YUV(52.4090, -16.9636,
27.7053)**

Conversions

Conversions Part 1

Format	Color
Hex	542B12
RGB	84, 43, 18
RGB Percent	33%, 17%, 7%
CMY	0.6706, 0.8314, 0.9294
CMYK	0.00, 0.49, 0.79, 0.67
HSL	23°, 65%, 20%
HSV	23°, 79%, 33%
XYZ	4.6292, 3.6562, 1.0340
YIQ	52.4090, 32.4610, 0.9170

Conversions

Conversions Part 2

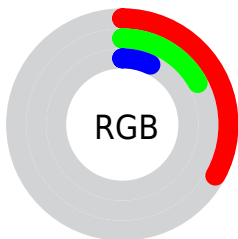
Format	Color
RYB	84, 58, 18
Decimal	5516050
CIELab	22.50, 16.65, 24.03
CIELCh	23, 29.230, 55.288
Yxy	3.6562, 0.4967, 0.3923
Android (android.graphics.Color)	4283706130 (0xFF542B12)
YUV	52.4090, -16.9636, 27.7053
Hunter-Lab	19.1213, 9.7521, 10.1787

Details

The YUV color **52.4090, -16.9636, 27.7053** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **49.5910, 16.9636, -27.7053**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.1600, -19.3059, 32.3087**, and **10.7640, -5.3067, 22.1320** is the 20% darker color. If you saturate the color by 10%, you get **48.5620, -19.0111, 31.0791**, and if you desaturate by 10%, it is **56.2560, -14.9162, 24.3315**.

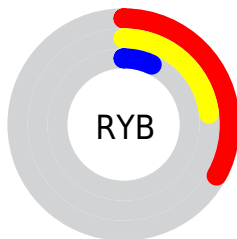
Distribution



Red (33%)

Green (17%)

Blue (7%)



Red (33%)

Yellow (23%)

Blue (7%)

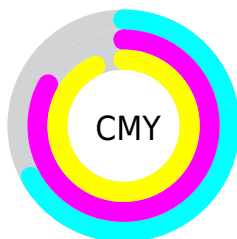


Cyan (0%)

Magenta (49%)

Yellow (79%)

Black (67%)



Cyan (67%)


Magenta (83%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 52.4090, -16.9636, 27.7053 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 52.4090, -16.9636, 27.7053 by changing the saturation by 10% instead.


 52.4090, -16.9636,
27.7053


 52.4090, -16.9636,
27.7053


 253.8600, -4.3680,
0.9998


 30.5550, -15.0636,
24.9463


 100.1600,
-19.3059, 32.3087

 10.7640, -5.3067,
22.1320

 125.9430,
-20.1849, 34.2530

 0.0000, 0.0000,
0.0000

 151.7260,
-21.0639, 36.1973

 179.2100,
-21.7955, 37.5268

 206.6940,
-22.5271, 38.8564

 227.4040,

-19.4262, 24.2017

■ 247.6190,
-15.5882, 6.4731

■ 52.4090, -16.9636,
27.7053

■ 52.4090, -16.9636,
27.7053

■ 48.5620, -19.0111,
31.0791

■ 56.2560, -14.9162,
24.3315

■ 44.6010, -21.4953,
34.5529

■ 60.2170, -12.4320,
20.8577

■ 43.9000, -21.6427,
35.1677

■ 64.6510, -10.6739,
16.9691

■ 68.6120, -8.1897,
13.4953

■ 72.4590, -6.1423,
10.1215

■ 76.3060, -4.0949,
6.7476

■ 80.8540, -1.9000,
2.7590

■ 84.7010, 0.1474,
-0.6148

■ 88.6620, 2.6316,
-4.0886

Harmonies

Analogous

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



52.5700, -7.6760, 35.4571



52.4090, -16.9636, 27.7053



50.9530, -22.1618, 14.9502

Triad

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



52.4090, -16.9636, 27.7053



43.2680, 3.3189, -37.9460



53.7170, 19.3665, -5.0138

Complementary

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



52.4090, -16.9636, 27.7053



49.5910, 16.9636, -27.7053

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.



44.5170, 25.8741, -39.0414



52.4090, -16.9636, 27.7053



45.7760, 12.9284, -40.1456

Square

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



52.4090, -16.9636, 27.7053



44.9680, -8.3652, -23.6509



46.5400, 20.9328, -40.8156



55.5090, 11.5811, 18.8476

Rectangle

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



52.4090, -16.9636, 27.7053



50.1150, -21.2557, 4.2841



46.5400, 20.9328, -40.8156



51.3350, 22.0198, -16.0798

Sweetspot

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



52.4090, -16.9636, 27.7053



96.9430, -6.8739, 11.4510



42.5220, 8.6167, 36.3762



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.



52.4090, -16.9636, 27.7053



60.6900, -26.4692, 43.2449



71.1930, -26.2241, 11.2317



38.7830, -0.8790, 1.9443



54.8750, -27.0534, 43.9596



121.0240, -59.6648, 97.3260

Inverse Universe

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



49.5910, 16.9636, -27.7053



56.3100, 26.4692, -43.2449



30.8070, 26.2241, -11.2317



38.6300, 1.1684, -1.4295



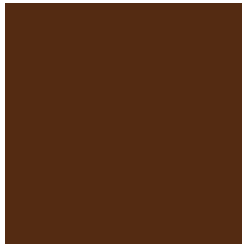
50.1250, 27.0534, -43.9596



110.9760, 59.6648, -97.3260

Previews

White Background



This preview shows how the YUV color 52.4090, -16.9636, 27.7053 looks on a white background.

Color Contrast Check

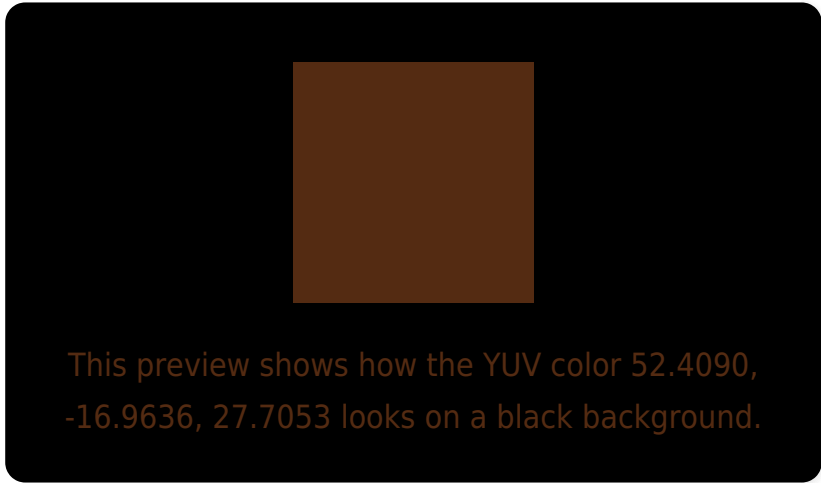
Large Text (above 18pt) WCAG AA ✓ Pass

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

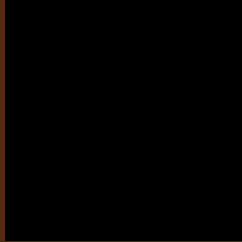
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.4090, -16.9636, 27.7053

Background



This preview shows how black text looks on a background with the YUV color 52.4090, -16.9636, 27.7053.

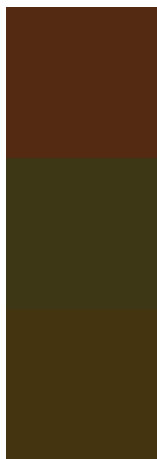


This preview shows how white text looks on a background with the YUV color 52.4090, -16.9636,

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

52.4090, -16.9636, 27.7053

Protanopia

52.9180, -15.7356, 7.0879

Deuteranopia

52.5660, -18.5200, 13.5356



Tritanopia

53.7970, -5.3229, 27.3650

Trichromacy



Original Color

52.4090, -16.9636, 27.7053

Protanomaly

52.8480, -16.1941, 14.1653

Deuteranomaly

52.7130, -18.0995, 18.6687

Tritanomaly

53.3580, -9.5435, 27.7500

Monochromacy



Original Color

52.4090, -16.9636, 27.7053

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.4590, -6.1423, 10.1215

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.4090, -16.9636, 27.7053 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, 43, 18)` looks like.

```
.text, #text, p{  
    color:rgb(84, 43, 18)  
}
```

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, 43, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 43, 18) }
```

Border

The CSS property to change the border of an element to YUV 52.4090, -16.9636, 27.7053 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, 43, 18) }
```


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

```
.border{ border-color:rgb(84, 43, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 43, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 43, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 43, 18);  
box-shadow:4px 4px 4px 4px rgb(84, 43, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.4090, -16.9636, 27.7053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 43, 18) }
```

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

```
.background{ background-color: rgb(84, 43,  
18) }
```

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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