

Converting Colors

YUV(52.8540, -15.2110,
25.5610)

Have a look what the booklet for
YUV(52.8540, -15.2110, 25.5610)
contains.

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Color

**YUV(52.8540, -15.2110,
25.5610)**

Conversions

Conversions Part 1

Format	Color
Hex	522C16
RGB	82, 44, 22
RGB Percent	32%, 17%, 9%
CMY	0.6784, 0.8275, 0.9137
CMYK	0.00, 0.46, 0.73, 0.68
HSL	22°, 58%, 20%
HSV	22°, 73%, 32%
XYZ	4.5252, 3.6531, 1.2257
YIQ	52.8540, 29.7100, 1.2140

Conversions

Conversions Part 2

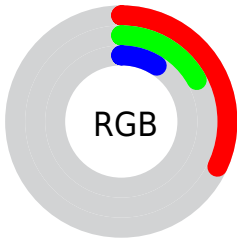
Format	Color
RYB	82, 57, 22
Decimal	5385238
CIELab	22.49, 15.31, 21.54
CIELCh	22, 26.428, 54.587
Yxy	3.6531, 0.4812, 0.3885
Android (android.graphics.Color)	4283575318 (0xFF522C16)
YUV	52.8540, -15.2110, 25.5610
Hunter-Lab	19.1132, 8.8131, 9.5771

Details

The YUV color **52.8540, -15.2110, 25.5610** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **51.1460, 15.2110, -25.5610**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.7190, -17.1165, 30.0644**, and **10.1660, -5.0118, 20.9024** is the 20% darker color. If you saturate the color by 10%, you get **49.0070, -17.2585, 28.9349**, and if you desaturate by 10%, it is **56.7010, -13.1636, 22.1872**.

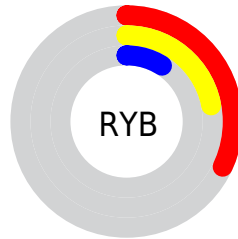
Distribution



 Red (32%)

 Green (17%)

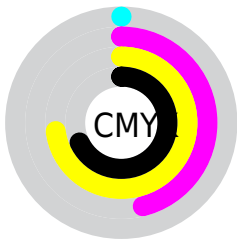
 Blue (9%)



 Red (32%)

 Yellow (22%)

 Blue (9%)

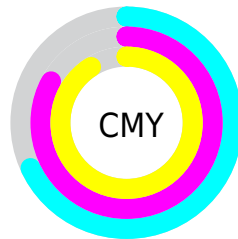


 Cyan (0%)

 Magenta (46%)

 Yellow (73%)

 Black (68%)



 Cyan (68%)


 Magenta (83%)


 Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YUV color 52.8540, -15.2110, 25.5610 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 52.8540, -15.2110, 25.5610 by changing the saturation by 10% instead.


 52.8540, -15.2110,
25.5610

 52.8540, -15.2110,
25.5610

 254.4300, -2.1840,
0.4999


 30.8430, -15.2056,
23.8167

 100.7190,
-17.1165, 30.0644

 10.1660, -5.0118,
20.9024

 126.0890,
-18.2849, 31.4939

 0.0000, 0.0000,
0.0000

 151.9860,
-18.7271, 33.3383

 179.0570,
-19.7481, 34.1530

 206.9540,
-20.1903, 35.9973

 228.5610,

-17.5316, 23.1870

■ 248.7760,
-13.6936, 5.4584

■ 52.8540, -15.2110,
25.5610

■ 52.8540, -15.2110,
25.5610

■ 49.0070, -17.2585,
28.9349

■ 56.7010, -13.1636,
22.1872

■ 45.1600, -19.3059,
32.3087

■ 60.5480, -11.1162,
18.8134

■ 42.1280, -20.7691,
34.9677

■ 65.0960, -8.9213,
14.8248

■ 68.9430, -6.8739,
11.4510

■ 72.7900, -4.8265,
8.0772

■ 76.6370, -2.7790,
4.7034

■ 80.4840, -0.7316,
1.3295

■ 85.0320, 1.4632,
-2.6591

■ 88.8790, 3.5107,
-6.0329

Harmonies

Analogous

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



53.6620, -7.2284, 31.8684



52.8540, -15.2110, 25.5610



51.6370, -19.5410, 14.3504

Triad

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



52.8540, -15.2110, 25.5610



42.5670, 3.1715, -37.3313



53.9620, 17.7667, -5.2287

Complementary

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



52.8540, -15.2110, 25.5610



51.1460, 15.2110, -25.5610

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.



44.0610, 24.1269, -38.6415



52.8540, -15.2110, 25.5610



44.8470, 11.9074, -39.3308

Square

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



52.8540, -15.2110, 25.5610



46.4030, -8.0867, -19.6474



45.4970, 19.4750, -39.9009



55.5580, 10.5709, 16.1736

Rectangle

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



52.8540, -15.2110, 25.5610



50.7990, -18.6349, 3.6843



45.4970, 19.4750, -39.9009



52.3630, 19.5410, -14.3504

Sweetspot

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



52.8540, -15.2110, 25.5610



95.5730, -5.7055, 10.0215



44.2720, 7.7539, 33.0875



47.1210, -3.5107, 6.0329



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.



52.8540, -15.2110, 25.5610



61.0640, -23.6956, 40.2859



70.4640, -23.8928, 10.1171



38.7830, -0.8790, 1.9443



53.7010, -26.4746, 44.9892



119.2630, -58.7967, 98.8703

Inverse Universe

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



51.1460, 15.2110, -25.5610



58.9360, 23.6956, -40.2859



33.5360, 23.8928, -10.1171



38.6300, 1.1684, -1.4295



50.7120, 26.7640, -44.4744



112.7370, 58.7967, -98.8703

Previews

White Background



This preview shows how the YUV color 52.8540, -15.2110, 25.5610 looks on a white background.

Color Contrast Check

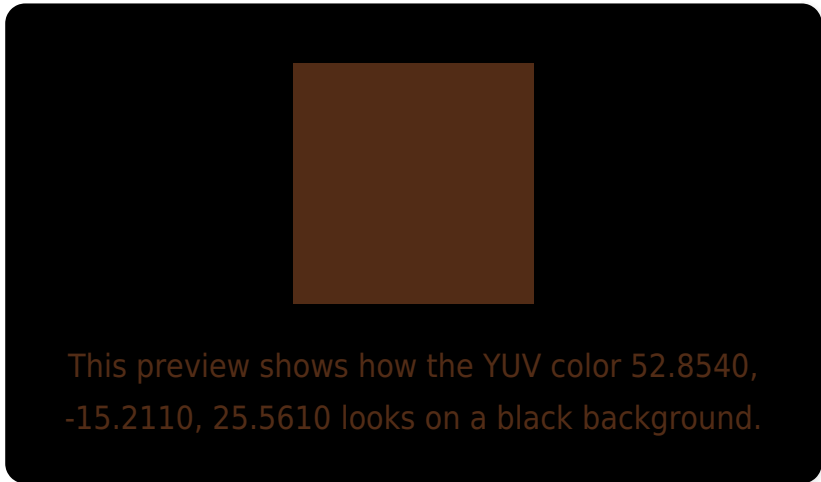
Large Text (above 18pt) WCAG AA ✓ Pass

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

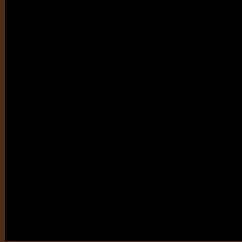
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.8540, -15.2110, 25.5610

Background



This preview shows how black text looks on a background with the YUV color 52.8540, -15.2110, 25.5610.



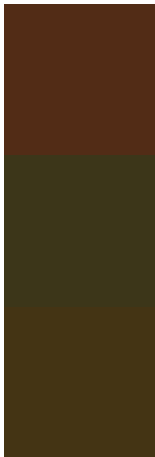
This preview shows how white text looks on a background with the YUV color 52.8540, -15.2110,

25.5610.

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

52.8540, -15.2110, 25.5610

Protanopia

52.4880, -13.5516, 6.5880

Deuteranopia

53.1360, -16.3360, 13.0357



Tritanopia

54.4870, -5.1701, 25.0059

Trichromacy



Original Color

52.8540, -15.2110, 25.5610

Protanomaly

52.4180, -14.0101, 13.6654

Deuteranomaly

52.9840, -15.7681, 17.5540

Tritanomaly

54.1620, -8.9539, 25.2909

Monochromacy



Original Color

52.8540, -15.2110, 25.5610

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.2740, -5.5581, 9.4067

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.8540, -15.2110, 25.5610 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, 44, 22)` looks like.

```
.text, #text, p{  
    color:rgb(82, 44, 22)  
}
```

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, 44, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 44, 22) }
```

Border

The CSS property to change the border of an element to YUV 52.8540, -15.2110, 25.5610 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, 44, 22) }
```


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

```
.border{ border-color:rgb(82, 44, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 44, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 44, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 44, 22);  
box-shadow:4px 4px 4px 4px rgb(82, 44, 22)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.8540, -15.2110, 25.5610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 44, 22) }
```

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

```
.background{ background-color: rgb(82, 44,  
22) }
```

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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