

Converting Colors

YUV(65.2220, -9.9694, 24.3613)

Have a look what the booklet for
YUV(65.2220, -9.9694, 24.3613)
contains.

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Color

**YUV(65.2220, -9.9694,
24.3613)**

Conversions

Conversions Part 1

Format	Color
Hex	5D372D
RGB	93, 55, 45
RGB Percent	36%, 22%, 18%
CMY	0.6353, 0.7843, 0.8235
CMYK	0.00, 0.41, 0.52, 0.64
HSL	13°, 35%, 27%
HSV	13°, 52%, 36%
XYZ	6.3540, 5.2490, 3.1609
YIQ	65.2220, 25.8580, 4.9460

Conversions

Conversions Part 2

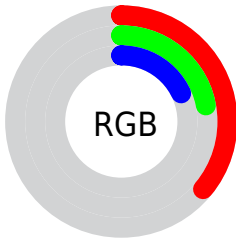
Format	Color
R_{YB}	93, 58, 45
Decimal	6108973
CIE Lab	27.43, 15.72, 13.42
CIE LCh	27, 20.665, 40.484
Yxy	5.2490, 0.4304, 0.3555
Android (android.graphics.Color)	4284299053 (0xFF5D372D)
YUV	65.2220, -9.9694, 24.3613
Hunter-Lab	22.9107, 9.4114, 7.8575

Details

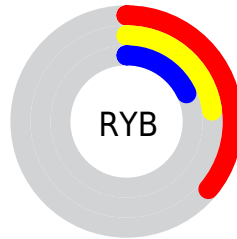
The YUV color **65.2220, -9.9694, 24.3613** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **72.7780, 9.9694, -24.3613**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.6030, -11.1433, 27.5352**, and **20.4990, -10.1060, 21.4874** is the 20% darker color. If you saturate the color by 10%, you get **60.0870, -11.8749, 28.8647**, and if you desaturate by 10%, it is **70.3570, -8.0640, 19.8579**.

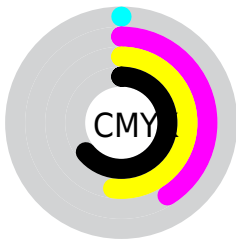
Distribution



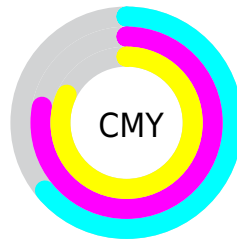
- Red (36%)
- Green (22%)
- Blue (18%)



- Red (36%)
- Yellow (23%)
- Blue (18%)



- Cyan (0%)
- Magenta (41%)
- Yellow (52%)
- Black (64%)



- Cyan (64%)
- Magenta (78%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.2220, -9.9694, 24.3613 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 65.2220, -9.9694, 24.3613 by changing the saturation by 10% instead.

65.2220, -9.9694,
24.3613

65.2220, -9.9694,
24.3613

255.0000, 0.0000,
0.0000

42.4390, -9.0904,
22.4170

113.6030,
-11.1433, 27.5352

20.4990, -10.1060,
21.4874

139.3860,
-12.0223, 29.4795

3.5880, -1.7689,
7.3773

166.2720,
-12.4591, 29.5795

0.0000, 0.0000,
0.0000

193.1690,
-12.9013, 31.4238

220.4570,
-13.0433, 30.2942

240.0850, -8.9159,

13.0805

254.5440, -1.7472,
0.3999

■ 65.2220, -9.9694,
24.3613

■ 65.2220, -9.9694,
24.3613

■ 60.0870, -11.8749,
28.8647

■ 70.3570, -8.0640,
19.8579

■ 54.2510, -13.9277,
33.9829

■ 76.1930, -6.0111,
14.7397

■ 49.1160, -15.8332,
38.4863

■ 81.3280, -4.1057,
10.2363

■ 43.9810, -17.7386,
42.9897

■ 86.4630, -2.2003,
5.7329

■ 38.9600, -19.2073,
47.3931

■ 92.2990, -0.1474,
0.6148

■ 97.4340, 1.7580,
-3.8886

■ 103.1560, 3.3741,
-8.9068

■ 108.2910, 5.2795,
-13.4102

■ 113.5400, 7.6218,
-18.0136

Harmonies

Analogous

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



65.7690, -2.8441, 25.6356



65.2220, -9.9694, 24.3613



64.3260, -14.4577, 17.2541

Triad

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



65.2220, -9.9694, 24.3613



57.9880, -1.9661, -22.7915



63.4620, 16.0412, -11.8062

Complementary

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



65.2220, -9.9694, 24.3613



72.7780, 9.9694, -24.3613

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.



56.9000, 18.2903, -33.2383



65.2220, -9.9694, 24.3613



51.7280, 9.0081, -42.7345

Square

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



65.2220, -9.9694, 24.3613



61.1980, -10.4506, -8.0666



51.9540, 16.2917, -45.5637



66.9050, 10.8928, 6.2223

Rectangle

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



65.2220, -9.9694, 24.3613



63.7550, -15.1622, 9.8619



51.9540, 16.2917, -45.5637



61.9450, 16.7891, -18.3688

Sweetspot

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



65.2220, -9.9694, 24.3613



109.7300, -3.8109, 9.0068



63.6840, 9.5228, 25.7101



54.4630, -2.2003, 5.7329



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



65.2220, -9.9694, 24.3613



76.9310, -15.2490, 37.7715



79.3100, -16.9148, 12.0061



43.0820, -1.0264, 2.5591



46.3910, -22.8708, 55.7851



99.6260, -49.1156, 120.4770

Inverse Universe

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



72.7780, 9.9694, -24.3613



88.4820, 15.5384, -37.2567



58.6900, 16.9148, -12.0061



43.9180, 1.0264, -2.5591



63.6090, 22.8708, -55.7851



137.3740, 49.1156, -120.4770

Previews

White Background



This preview shows how the YUV color 65.2220, -9.9694, 24.3613 looks on a white background.

Color Contrast Check

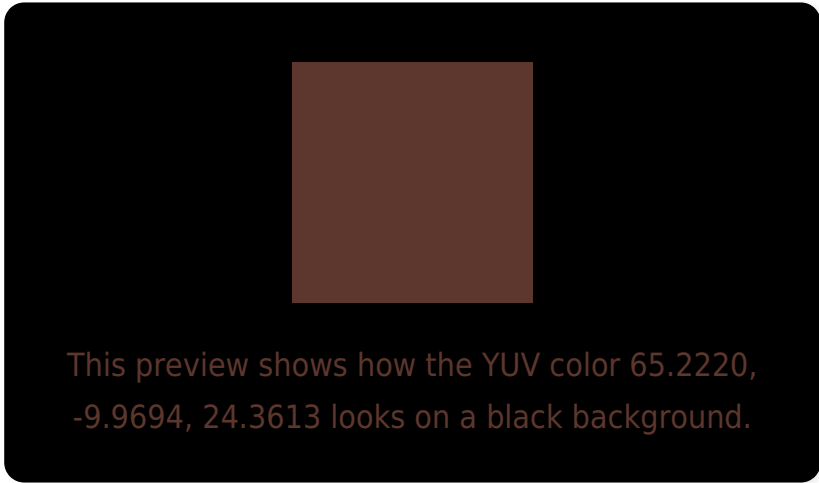
Large Text (above 18pt) WCAG AA ✓ Pass

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

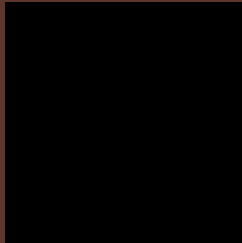
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.2220, -9.9694, 24.3613

Background



This preview shows how black text looks on a background with the YUV color 65.2220, -9.9694, 24.3613.

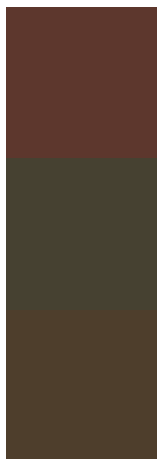


This preview shows how white text looks on a background with the YUV color 65.2220, -9.9694,

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

65.2220, -9.9694, 24.3613

Protanopia

64.6710, -7.7258, 4.6735

Deuteranopia

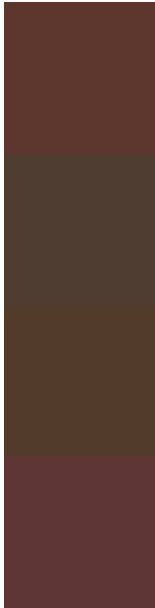
64.7320, -10.2209, 11.6360



Tritanopia

65.7150, -4.2965, 24.8059

Trichromacy



Original Color

65.2220, -9.9694, 24.3613

Protanomaly

64.6010, -8.1843, 11.7509

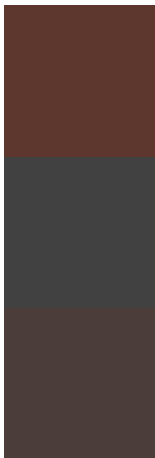
Deuteranomaly

64.4660, -10.0897, 16.2543

Tritanomaly

65.8460, -6.3331, 24.6911

Monochromacy



Original Color

65.2220, -9.9694, 24.3613

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.8440, -3.3741, 8.9068

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.2220, -9.9694, 24.3613 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(93, 55, 45)` looks like.

```
.text, #text, p{  
    color:rgb(93, 55, 45)  
}
```

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(93, 55, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 55, 45) }
```

Border

The CSS property to change the border of an element to YUV 65.2220, -9.9694, 24.3613 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(93, 55, 45) }
```


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

```
.border{ border-color:rgb(93, 55, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 55, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 55, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 55, 45);  
box-shadow:4px 4px 4px 4px rgb(93, 55, 45)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.2220, -9.9694, 24.3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 55, 45) }
```

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

```
.background{ background-color: rgb(93, 55,  
45) }
```

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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