

Converting Colors

YUV(88.6700, -2.7953, 9.9364)

Have a look what the booklet for
YUV(88.6700, -2.7953, 9.9364)
contains.

YUV(88.6700, -2.7953, 9.9364)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(88.6700, -2.7953,
9.9364)**

Conversions

Conversions Part 1

Format	Color
Hex	645453
RGB	100, 84, 83
RGB Percent	39%, 33%, 33%
CMY	0.6078, 0.6706, 0.6745
CMYK	0.00, 0.16, 0.17, 0.61
HSL	4°, 9%, 36%
HSV	4°, 17%, 39%
XYZ	9.9872, 9.6745, 9.5246
YIQ	88.6700, 9.8570, 3.0810

Conversions

Conversions Part 2

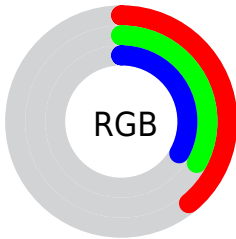
Format	Color
RYB	100, 84, 83
Decimal	6575187
CIELab	37.25, 6.41, 3.03
CIElCh	37, 7.089, 25.316
Yxy	9.6745, 0.3422, 0.3315
Android (android.graphics.Color)	4284765267 (0xFF645453)
YUV	88.6700, -2.7953, 9.9364
Hunter-Lab	31.1039, 2.8831, 3.6170

Details

The YUV color **88.6700, -2.7953, 9.9364** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **94.3300, 2.7953, -9.9364**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.8550, -3.3795, 10.6512**, and **43.0720, -2.5005, 8.7069** is the 20% darker color. If you saturate the color by 10%, you get **82.2470, -4.5588, 15.5694**, and if you desaturate by 10%, it is **95.0930, -1.0318, 4.3034**.

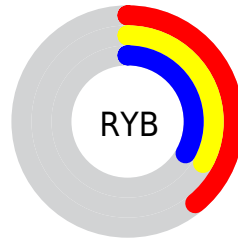
Distribution



Red (39%)

Green (33%)

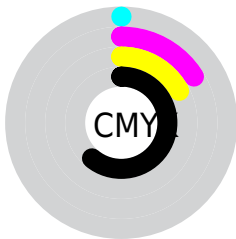
Blue (33%)



Red (39%)

Yellow (33%)

Blue (33%)

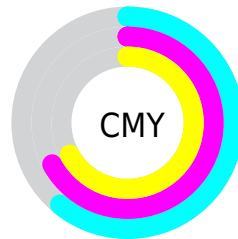


Cyan (0%)

Magenta (16%)

Yellow (17%)

Black (61%)



Cyan (61%)

Magenta (67%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.6700, -2.7953, 9.9364 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 88.6700, -2.7953, 9.9364 by changing the saturation by 10% instead.

■ 88.6700, -2.7953,
9.9364

■ 88.6700, -2.7953,
9.9364

■ 255.0000, 0.0000,
0.0000

■ 65.3710, -2.6479,
9.3216

■ 138.8550, -3.3795,
10.6512

■ 43.0720, -2.5005,
8.7069

■ 165.1540, -3.5269,
11.2659

■ 22.7730, -2.3531,
8.0921

■ 192.1540, -3.5269,
11.2659

■ 0.0000, 0.0000,
0.0000

■ 219.8660, -3.3849,
12.3955

■ 246.3600, -2.6425,
7.5773

■ 88.6700, -2.7953,
9.9364

■ 88.6700, -2.7953,
9.9364

■ 82.2470, -4.5588,
15.5694

■ 95.0930, -1.0318,
4.3034

■ 75.2370, -6.0328,
21.7172

■ 102.1030, 0.4422,
-1.8443

■ 68.8140, -7.7963,
27.3501

■ 108.5260, 2.2057,
-7.4773

■ 61.8040, -9.2704,
33.4979

■ 115.5360, 3.6798,
-13.6251

■ 55.3810, -11.0338,
39.1309

■ 121.9590, 5.4432,
-19.2580

■ 48.9580, -12.7973,
44.7638

■ 128.3820, 7.2067,
-24.8910

■ 41.9480, -14.2714,
50.9116

■ 135.3920, 8.6807,
-31.0388

■ 35.5250, -16.0348,

■ 141.8150, 10.4442,

56.5446

-36.6718

■ 33.4220, -16.4770,
58.3889

■ 148.8250, 11.9183,
-42.8195

Harmonies

Analogous

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



89.0550, -0.0271, 8.7218



88.6700, -2.7953, 9.9364



88.0890, -4.9739, 8.6919

Triad

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



88.6700, -2.7953, 9.9364



85.9840, -2.4571, -5.2480



87.1610, 5.8366, -5.4032

Complementary

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



88.6700, -2.7953, 9.9364



94.3300, 2.7953, -9.9364

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.



86.3130, 5.2687, -9.9215



88.6700, -2.7953, 9.9364



85.6460, 0.1745, -9.3365

Square

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



88.6700, -2.7953, 9.9364



87.0340, -4.9468, -0.0298



85.7320, 3.0901, -11.1660



87.9660, 4.9468, 0.0298

Rectangle

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



88.6700, -2.7953, 9.9364



87.6650, -5.2578, 6.4328



85.7320, 3.0901, -11.1660



86.8510, 5.9895, -7.7623

Sweetspot

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



88.6700, -2.7953, 9.9364



125.7940, -0.8844, 3.6887



89.9070, 4.4828, 8.8516



63.7830, -0.8790, 1.9443



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



88.6700, -2.7953, 9.9364



112.9480, -4.4114, 14.9546



93.3660, -5.1104, 5.8180



47.4950, -0.7370, 3.0739



38.4940, -18.9775, 67.0958



80.5760, -39.7240, 141.5688

Inverse Universe

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



94.3300, 2.7953, -9.9364



121.6390, 4.1220, -15.4694



89.6340, 5.1104, -5.8180



49.5050, 0.7370, -3.0739



76.5060, 18.9775, -67.0958



161.4240, 39.7240, -141.5688

Previews

White Background



This preview shows how the YUV color 88.6700, -2.7953, 9.9364 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



This preview shows how the YUV color 88.6700, -2.7953, 9.9364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

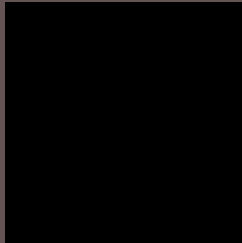
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.6700, -2.7953, 9.9364

Background



This preview shows how black text looks on a background with the YUV color 88.6700, -2.7953, 9.9364.

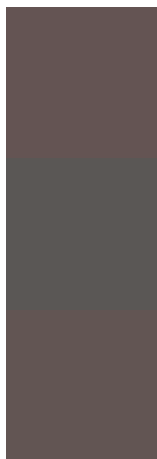


This preview shows how white text looks on a background with the YUV color 88.6700, -2.7953,

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

88.6700, -2.7953, 9.9364

Protanopia

87.6690, -1.3158, 2.0443

Deuteranopia

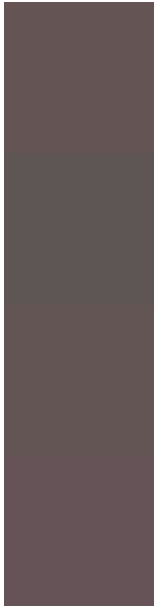
88.6590, -2.7899, 8.1921



Tritanopia

89.0660, -0.0325, 10.4661

Trichromacy



Original Color

88.6700, -2.7953, 9.9364

Protanomaly

88.1640, -2.0529, 5.1182

Deuteranomaly

88.9580, -2.9373, 8.8068

Tritanomaly

88.8380, -0.9061, 10.6661

Monochromacy



Original Color

88.6700, -2.7953, 9.9364

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.7940, -0.8844, 3.6887

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.6700, -2.7953, 9.9364 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(100, 84, 83)` looks like.

```
.text, #text, p{  
    color:rgb(100, 84, 83)  
}
```

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(100, 84, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 84, 83) }
```

Border

The CSS property to change the border of an element to YUV 88.6700, -2.7953, 9.9364 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(100, 84, 83) }
```


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

```
.border{ border-color:rgb(100, 84, 83) }
```

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

Here you see how a box with a 4 pixel rgb(100, 84, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 84, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 84, 83);  
box-shadow:4px 4px 4px 4px rgb(100, 84,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 88.6700, -2.7953, 9.9364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 84, 83) }
```

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

```
.background{ background-color: rgb(100, 84,  
83) }
```

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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