

Converting Colors

YUV(89.2650, -8.5116, 23.4466)

Have a look what the booklet for
YUV(89.2650, -8.5116, 23.4466)
contains.

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Color

**YUV(89.2650, -8.5116,
23.4466)**

Conversions

Conversions Part 1

Format	Color
Hex	744F48
RGB	116, 79, 72
RGB Percent	45%, 31%, 28%
CMY	0.5451, 0.6902, 0.7176
CMYK	0.00, 0.32, 0.38, 0.55
HSL	10°, 23%, 37%
HSV	10°, 38%, 45%
XYZ	11.1681, 9.7728, 7.4286
YIQ	89.2650, 24.2990, 5.6670

Conversions

Conversions Part 2

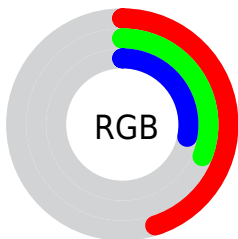
Format	Color
R_{YB}	116, 80, 72
Decimal	7622472
CIE Lab	37.43, 14.59, 10.40
CIE LCh	37, 17.916, 35.485
Yxy	9.7728, 0.3937, 0.3445
Android (android.graphics.Color)	4285812552 (0xFF744F48)
YUV	89.2650, -8.5116, 23.4466
Hunter-Lab	31.2616, 9.0611, 7.7941

Details

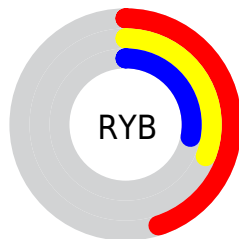
The YUV color $89.2650, -8.5116, 23.4466$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $98.7350, 8.5116, -23.4466$, and the grayscale version is $89.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $139.3470, -9.5381, 26.0057$, and $42.9980, -6.9010, 20.1728$ is the 20% darker color. If you saturate the color by 10%, you get $82.0270, -10.8593, 29.7943$, and if you desaturate by 10%, it is $96.5030, -6.1640, 17.0989$.

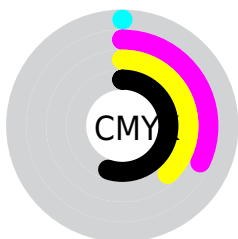
Distribution



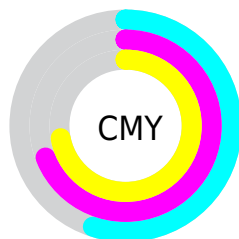
- Red (45%)
- Green (31%)
- Blue (28%)



- Red (45%)
- Yellow (31%)
- Blue (28%)



- Cyan (0%)
- Magenta (32%)
- Yellow (38%)
- Black (55%)



- Cyan (55%)
- Magenta (69%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.2650, -8.5116, 23.4466 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 89.2650, -8.5116, 23.4466 by changing the saturation by 10% instead.

■ 89.2650, -8.5116,
23.4466

■ 89.2650, -8.5116,
23.4466

■ 255.0000, 0.0000,
0.0000

■ 65.7810, -7.7800,
22.1171

■ 139.3470, -9.5381,
26.0057

■ 42.9980, -6.9010,
20.1728

■ 165.9450, -9.8329,
27.2352

■ 20.8300, -8.7902,
19.4431

■ 193.2440, -9.9803,
27.8500

■ 2.6910, -1.3267,
5.5330

■ 221.4290,
-10.5645, 28.5648

■ 0.0000, 0.0000,
0.0000

■ 241.3560, -6.5845,
11.9658

■ 89.2650, -8.5116,
23.4466

■ 89.2650, -8.5116,
23.4466

■ 82.0270, -10.8593,
29.7943

■ 96.5030, -6.1640,
17.0989

■ 74.9030, -12.7702,
36.0421

■ 103.6270, -4.2531,
10.8511

■ 68.2520, -15.4072,
41.8750

■ 110.2780, -1.6161,
5.0182

■ 61.1280, -17.3181,
48.1227

■ 117.4020, 0.2948,
-1.2296

■ 53.8900, -19.6658,
54.4705

■ 124.6400, 2.6425,
-7.5773

■ 46.6520, -22.0134,
60.8182

■ 131.8780, 4.9901,
-13.9250

■ 45.2500, -22.3083,
62.0478

■ 138.4150, 7.1904,
-19.6580

■ 145.6530, 9.5381,

-26.0057

■ 152.7770, 11.4489,
-32.2534

Harmonies

Analogous

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



89.6870, -1.8177, 23.0765



89.2650, -8.5116, 23.4466



88.0810, -12.8579, 17.4690

Triad

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



89.2650, -8.5116, 23.4466



83.2660, -3.5821, -17.7733



87.4080, 14.5889, -12.6358

Complementary

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



89.2650, -8.5116, 23.4466



98.7350, 8.5116, -23.4466

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.



83.4340, 15.0690, -26.6906



89.2650, -8.5116, 23.4466



80.9640, 4.4547, -28.9094

Square

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



89.2650, -8.5116, 23.4466



85.2200, -10.4615, -4.5779



80.4780, 11.5963, -32.8682



89.5950, 11.0457, 3.8632

Rectangle

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



89.2650, -8.5116, 23.4466



87.1080, -13.8572, 11.3063



80.4780, 11.5963, -32.8682



85.9020, 15.3313, -17.4541

Sweetspot

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



89.2650, -8.5116, 23.4466



140.5450, -3.2267, 8.2920



89.3740, 9.6756, 23.3510



70.5770, -1.7635, 5.6330



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



89.2650, -8.5116, 23.4466



108.0880, -13.3544, 36.7568



102.1790, -14.8782, 12.1210



55.3810, -1.1738, 3.1739



47.6310, -23.4821, 65.2216



98.2300, -48.4274, 133.1023

Inverse Universe

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



98.7350, 8.5116, -23.4466



122.9120, 13.3544, -36.7568



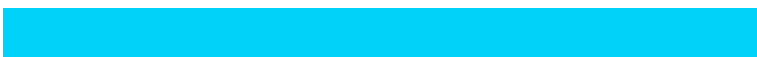
85.8210, 14.8782, -12.1210



56.6190, 1.1738, -3.1739



74.3690, 23.4821, -65.2216



151.7700, 48.4274, -133.1023

Previews

White Background



This preview shows how the YUV color 89.2650, -8.5116, 23.4466 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 89.2650, -8.5116, 23.4466 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 89.2650, -8.5116, 23.4466

Background



This preview shows how black text looks on a background with the YUV color 89.2650, -8.5116, 23.4466.

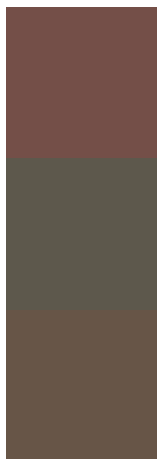


This preview shows how white text looks on a background with the YUV color 89.2650, -8.5116,

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

89.2650, -8.5116, 23.4466

Protanopia

88.1270, -5.9786, 4.2736

Deuteranopia

88.7860, -8.7685, 12.4657



Tritanopia

89.6440, -3.2755, 23.9912

Trichromacy



Original Color

89.2650, -8.5116, 23.4466

Protanomaly

88.6440, -6.7265, 10.8362

Deuteranomaly

89.1070, -8.9268, 16.5692

Tritanomaly

89.7750, -5.3121, 23.8763

Monochromacy



Original Color

89.2650, -8.5116, 23.4466

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9580, -2.9373, 8.8068

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.2650, -8.5116, 23.4466 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(116, 79, 72)` looks like.

```
.text, #text, p{  
    color:rgb(116, 79, 72)  
}
```

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(116, 79, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 79, 72) }
```

Border

The CSS property to change the border of an element to YUV 89.2650, -8.5116, 23.4466 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(116, 79, 72) }
```


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

```
.border{ border-color:rgb(116, 79, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 79, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 79, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 79, 72);  
box-shadow:4px 4px 4px 4px rgb(116, 79,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 89.2650, -8.5116, 23.4466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 79, 72) }
```

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

```
.background{ background-color: rgb(116, 79,  
72) }
```

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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