

Converting Colors

YUV(89.3960, -10.5482,
23.3317)

Have a look what the booklet for
YUV(89.3960, -10.5482, 23.3317)
contains.

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Color

**YUV(89.3960, -10.5482,
23.3317)**

Conversions

Conversions Part 1

Format	Color
Hex	745044
RGB	116, 80, 68
RGB Percent	45%, 31%, 27%
CMY	0.5451, 0.6863, 0.7333
CMYK	0.00, 0.31, 0.41, 0.55
HSL	15°, 26%, 36%
HSV	15°, 41%, 45%
XYZ	11.1145, 9.8677, 6.7877
YIQ	89.3960, 25.3080, 3.9000

Conversions

Conversions Part 2

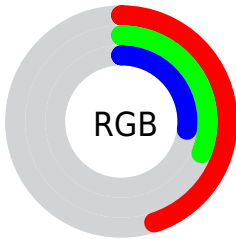
Format	Color
R_{YB}	116, 84, 68
Decimal	7622724
CIE Lab	37.60, 13.45, 13.12
CIE LCh	38, 18.791, 44.278
Yxy	9.8677, 0.4002, 0.3553
Android (android.graphics.Color)	4285812804 (0xFF745044)
YUV	89.3960, -10.5482, 23.3317
Hunter-Lab	31.4129, 8.1844, 9.1776

Details

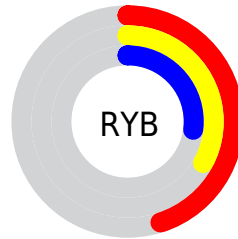
The YUV color **89.3960, -10.5482, 23.3317** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **94.6040, 10.5482, -23.3317**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.4780, -11.5747, 25.8908**, and **43.1290, -8.9376, 20.0579** is the 20% darker color. If you saturate the color by 10%, you get **82.7450, -13.1853, 29.1646**, and if you desaturate by 10%, it is **96.0470, -7.9112, 17.4988**.

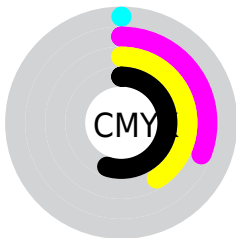
Distribution



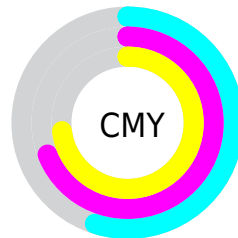
- Red (45%)
- Green (31%)
- Blue (27%)



- Red (45%)
- Yellow (33%)
- Blue (27%)



- Cyan (0%)
- Magenta (31%)
- Yellow (41%)
- Black (55%)



- Cyan (55%)
- Magenta (69%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.3960, -10.5482, 23.3317 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 89.3960, -10.5482, 23.3317 by changing the saturation by 10% instead.

■ 89.3960, -10.5482,
23.3317

■ 89.3960, -10.5482,
23.3317

255.0000, 0.0000,
0.0000

■ 65.9120, -9.8166,
22.0022

■ 139.4780,
-11.5747, 25.8908

■ 43.1290, -8.9376,
20.0579

■ 166.6630,
-12.1589, 26.6055

■ 21.3740, -10.5374,
19.8430

■ 193.5600,
-12.6011, 28.4499

■ 2.3920, -1.1793,
4.9182

■ 221.7450,
-13.1853, 29.1646

■ 0.0000, 0.0000,
0.0000

■ 241.3730, -9.0579,
11.9509

254.6580, -1.3104,

0.2999

■ 89.3960, -10.5482,
23.3317

■ 89.3960, -10.5482,
23.3317

■ 82.7450, -13.1853,
29.1646

■ 96.0470, -7.9112,
17.4988

■ 76.7950, -15.6749,
34.3828

■ 101.9970, -5.4215,
12.2806

■ 70.1440, -18.3120,
40.2157

■ 108.6480, -2.7845,
6.4477

■ 63.6070, -20.5123,
45.9487

■ 115.1850, -0.5842,
0.7148

■ 56.9560, -23.1493,
51.7816

■ 121.8360, 2.0529,
-5.1182

■ 51.7070, -25.4916,
56.3850

■ 127.9000, 4.9793,
-10.4363

■ 134.4370, 7.1796,
-16.1692

■ 141.0880, 9.8166,
-22.0022

■ 147.0380, 12.3063,
-27.2203

Harmonies

Analogous

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



90.1280, -4.0071, 25.3207



89.3960, -10.5482, 23.3317



88.4290, -14.0155, 15.4098

Triad

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



89.3960, -10.5482, 23.3317



82.5150, -1.2399, -22.3767



88.1420, 14.7200, -8.0175

Complementary

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



89.3960, -10.5482, 23.3317



94.6040, 10.5482, -23.3317

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.



84.3850, 16.0792, -24.0166



89.3960, -10.5482, 23.3317



80.6260, 7.0864, -32.9980

Square

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



89.3960, -10.5482, 23.3317



85.1270, -9.4296, -8.8814



81.0370, 13.7858, -35.1124



90.5740, 9.5770, 8.2666

Rectangle

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



89.3960, -10.5482, 23.3317



87.2710, -14.4306, 8.5323



81.0370, 13.7858, -35.1124



87.2230, 15.1731, -13.3506

Sweetspot

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



89.3960, -10.5482, 23.3317



140.3170, -4.1003, 8.4920



86.4560, 8.6492, 25.9101



70.4630, -2.2003, 5.7329



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.



89.3960, -10.5482, 23.3317



108.5780, -16.5540, 36.3271



103.4840, -17.4936, 10.9765



55.3810, -1.1738, 3.1739



54.6750, -26.9548, 59.0440



111.1440, -54.7940, 121.7767

Inverse Universe

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



94.6040, 10.5482, -23.3317



117.0090, 16.2646, -36.8419



80.5160, 17.4936, -10.9765



56.0320, 1.4632, -2.6591



67.9120, 26.6654, -59.5588



138.2690, 55.0834, -121.2619

Previews

White Background



This preview shows how the YUV color 89.3960, -10.5482, 23.3317 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 89.3960, -10.5482, 23.3317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

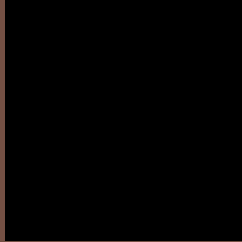
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.3960, -10.5482, 23.3317

Background



This preview shows how black text looks on a background with the YUV color 89.3960, -10.5482, 23.3317.

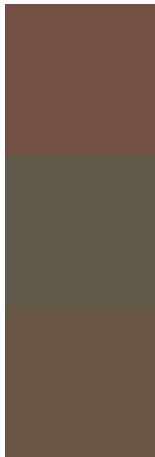


This preview shows how white text looks on a background with the YUV color 89.3960, -10.5482,

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

89.3960, -10.5482, 23.3317

Protanopia

88.5570, -8.1626, 4.7735

Deuteranopia

88.9280, -10.8105, 14.0951



Tritanopia

90.3450, -3.1281, 23.3764

Trichromacy



Original Color

89.3960, -10.5482, 23.3317

Protanomaly

89.0740, -8.9105, 11.3361

Deuteranomaly

88.9500, -10.8214, 17.5838

Tritanomaly

90.2480, -6.0383, 23.4615

Monochromacy



Original Color

89.3960, -10.5482, 23.3317

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.3170, -4.1003, 8.4920

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3960, -10.5482, 23.3317 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, 80, 68)` looks like.

```
.text, #text, p{  
    color:rgb(116, 80, 68)  
}
```

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, 80, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 80, 68) }
```

Border

The CSS property to change the border of an element to YUV 89.3960, -10.5482, 23.3317 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, 80, 68) }
```


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

```
.border{ border-color:rgb(116, 80, 68) }
```

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

Here you see how a box with a 4 pixel rgb(116, 80, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 80, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 80, 68);  
box-shadow:4px 4px 4px 4px rgb(116, 80,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 89.3960, -10.5482, 23.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 80, 68) }
```

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

```
.background{ background-color: rgb(116, 80,  
68) }
```

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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