

Converting Colors

YUV(89.4750, -0.7272, -46.8976)

Have a look what the booklet for
YUV(89.4750, -0.7272, -46.8976)
contains.

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Color

**YUV(89.4750, -0.7272,
-46.8976)**

Conversions

Conversions Part 1

Format	Color
Hex	247558
RGB	36, 117, 88
RGB Percent	14%, 46%, 35%
CMY	0.8588, 0.5412, 0.6549
CMYK	0.69, 0.00, 0.25, 0.54
HSL	159°, 53%, 30%
HSV	159°, 69%, 46%
XYZ	8.8503, 13.8022, 11.4302
YIQ	89.4750, -38.9670, -26.1910

Conversions

Conversions Part 2

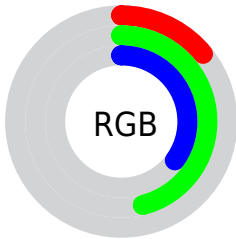
Format	Color
R_{YB}	36, 85, 117
Decimal	2389336
CIE _{Lab}	43.95, -31.77, 9.01
CIE _{LCh}	44, 33.024, 164.164
Yxy	13.8022, 0.2597, 0.4050
Android (android.graphics.Color)	4280579416 (0xFF247558)
YUV	89.4750, -0.7272, -46.8976
Hunter-Lab	37.1514, -22.4921, 7.7645

Details

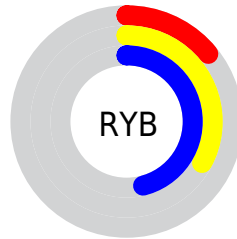
The YUV color **89.4750, -0.7272, -46.8976** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **63.5250, 0.7272, 46.8976**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.0300, -2.4798, -44.7533**, and **44.8180, -0.8963, -39.3054** is the 20% darker color. If you saturate the color by 10%, you get **85.4310, -0.7055, -53.8750**, and if you desaturate by 10%, it is **93.5190, -0.7489, -39.9202**.

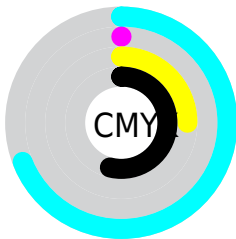
Distribution



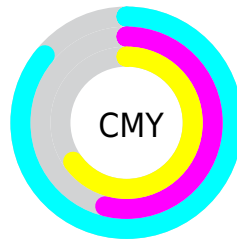
- Red (14%)
- Green (46%)
- Blue (35%)



- Red (14%)
- Yellow (33%)
- Blue (46%)



- Cyan (69%)
- Magenta (0%)
- Yellow (25%)
- Black (54%)



- Cyan (86%)
- Magenta (54%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.4750, -0.7272, -46.8976 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 89.4750, -0.7272, -46.8976 by changing the saturation by 10% instead.

■ 89.4750, -0.7272,
-46.8976

■ 89.4750, -0.7272,
-46.8976

255.0000, 0.0000,
0.0000

■ 61.4140, 1.7679,
-53.8601

■ 143.0300, -2.4798,
-44.7533

■ 44.8180, -0.8963,
-39.3054

■ 169.9160, -2.9166,
-44.6533

■ 28.9230, -3.4130,
-25.3655

■ 197.5030, -3.2060,
-45.1681

■ 12.9140, -6.3666,
-11.3256

■ 226.0900, -3.4954,
-45.6829

■ 0.0000, 0.0000,
0.0000

■ 238.3550, 4.7550,
-31.8833

■ 247.8240, 3.5378,

-14.7546

■ 89.4750, -0.7272,
-46.8976

■ 89.4750, -0.7272,
-46.8976

■ 85.4310, -0.7055,
-53.8750

■ 93.5190, -0.7489,
-39.9202

■ 81.6860, -0.8312,
-60.2376

■ 97.2640, -0.6232,
-33.5575

■ 77.5280, -1.2463,
-67.1151

■ 101.4220, -0.2080,
-26.6801

■ 77.2290, -1.0989,
-67.7298

■ 105.4660, -0.2297,
-19.7027

■ 109.5100, -0.2514,
-12.7253

■ 113.2550, -0.1257,
-6.3626

■ 117.2990, -0.1474,
0.6148

■ 121.4570, 0.2677,
7.4922

■ 125.2020, 0.3934,
13.8548

Harmonies

Analogous

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



96.5360, -16.5332, -17.1331



89.4750, -0.7272, -46.8976



82.4900, 16.5204, -72.3437

Triad

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



89.4750, -0.7272, -46.8976



102.5890, 26.8246, -17.1796



104.1440, -18.3120, 40.2157

Complementary

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



89.4750, -0.7272, -46.8976



63.5250, 0.7272, 46.8976

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.



105.2660, -6.5401, 44.4937



89.4750, -0.7272, -46.8976



107.0830, 17.7071, 13.9592

Square

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



89.4750, -0.7272, -46.8976



85.3330, 34.8388, -67.8210



106.3540, 6.7275, 35.6465



102.5200, -25.3994, 26.7310

Rectangle

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



89.4750, -0.7272, -46.8976



83.9550, 24.6722, -73.6285



106.3540, 6.7275, 35.6465



104.4910, -14.5391, 43.4194

Sweetspot

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



89.4750, -0.7272, -46.8976



142.0640, -0.5246, -18.4731



92.5170, -27.8629, -23.2554



70.2220, -0.1094, -11.5957



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.



89.4750, -0.7272, -46.8976



109.8970, -0.9352, -73.5777



86.3240, 15.1233, -44.1341



56.9780, 0.0108, -3.4887



80.6200, -0.7987, -70.7037



164.9900, -2.4601, -144.6962

Inverse Universe

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



63.5250, 0.7272, 46.8976



69.1030, 0.9352, 73.5777



66.6760, -15.1233, 44.1341



55.0220, -0.0108, 3.4887



41.4940, 1.2355, 70.6038



84.8960, 2.0233, 144.7962

Previews

White Background



This preview shows how the YUV color 89.4750, -0.7272, -46.8976 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 × Fail

Black Background



This preview shows how the YUV color 89.4750, -0.7272, -46.8976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 89.4750, -0.7272, -46.8976

Background



This preview shows how black text looks on a background with the YUV color 89.4750, -0.7272, -46.8976.

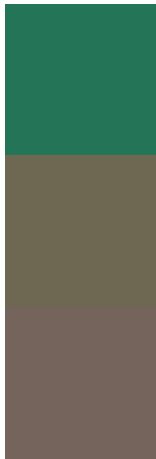


This preview shows how white text looks on a background with the YUV color 89.4750, -0.7272,

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

89.4750, -0.7272, -46.8976

Protanopia

102.5850, -10.6414, 6.5030

Deuteranopia

104.1710, -6.0003, 11.2510



Tritanopia

95.1890, 13.2178, -39.6308

Trichromacy



Original Color

89.4750, -0.7272, -46.8976

Protanomaly

97.7890, -6.7980, -12.9700

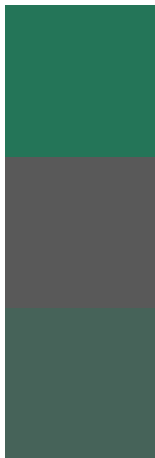
Deuteranomaly

98.9080, -3.8986, -9.5663

Tritanomaly

92.9130, 8.4239, -42.0197

Monochromacy



Original Color

89.4750, -0.7272, -46.8976

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.1890, -0.0932, -16.8288

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.4750, -0.7272, -46.8976 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(36, 117, 88)` looks like.

```
.text, #text, p{  
    color:rgb(36, 117, 88)  
}
```

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(36, 117, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 117, 88) }
```

Border

The CSS property to change the border of an element to YUV 89.4750, -0.7272, -46.8976 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(36, 117, 88) }
```


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

```
.border{ border-color:rgb(36, 117, 88) }
```

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

Here you see how a box with a 4 pixel rgb(36, 117, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 117, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 117, 88);  
box-shadow:4px 4px 4px 4px rgb(36, 117,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 89.4750, -0.7272, -46.8976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 117, 88) }
```

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

```
.background{ background-color: rgb(36, 117,  
88) }
```

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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