

Converting Colors

YUV(89.1320, -4.0091, -67.6448)

Have a look what the booklet for
YUV(89.1320, -4.0091, -67.6448)
contains.

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Color

**YUV(89.1320, -4.0091,
-67.6448)**

Conversions

Conversions Part 1

Format	Color
Hex	0C8251
RGB	12, 130, 81
RGB Percent	5%, 51%, 32%
CMY	0.9529, 0.4902, 0.6824
CMYK	0.91, 0.00, 0.38, 0.49
HSL	155°, 83%, 28%
HSV	155°, 91%, 51%
XYZ	9.6195, 16.6375, 10.4889
YIQ	89.1320, -54.5990, -40.2550

Conversions

Conversions Part 2

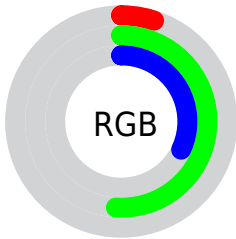
Format	Color
R_{YB}	12, 86, 130
Decimal	819793
CIE _{Lab}	47.80, -41.99, 18.32
CIE _{LCh}	48, 45.812, 156.432
Yxy	16.6375, 0.2618, 0.4528
Android (android.graphics.Color)	4279009873 (0xFF0C8251)
YUV	89.1320, -4.0091, -67.6448
Hunter-Lab	40.7891, -29.2846, 13.3059

Details

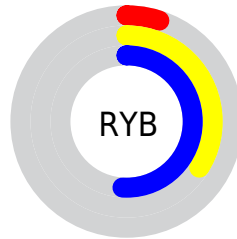
The YUV color **89.1320, -4.0091, -67.6448** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **52.8680, 4.0091, 67.6448**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.7590, -8.2622, -56.7936**, and **50.4770, -7.1372, -44.2683** is the 20% darker color. If you saturate the color by 10%, you get **84.9740, -4.4242, -74.5222**, and if you desaturate by 10%, it is **93.5890, -3.7414, -60.1526**.

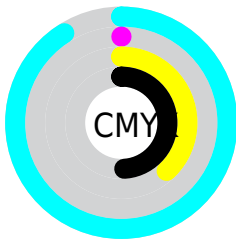
Distribution



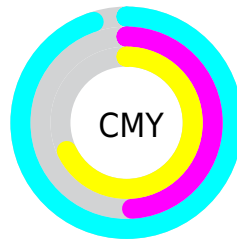
- Red (5%)
- Green (51%)
- Blue (32%)



- Red (5%)
- Yellow (34%)
- Blue (51%)



- Cyan (91%)
- Magenta (0%)
- Yellow (38%)
- Black (49%)



- Cyan (95%)
- Magenta (49%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.1320, -4.0091, -67.6448 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 89.1320, -4.0091, -67.6448 by changing the saturation by 10% instead.

■ 89.1320, -4.0091,
-67.6448

■ 89.1320, -4.0091,
-67.6448

255.0000, 0.0000,
0.0000

■ 67.6600, -4.7624,
-59.3378

■ 147.7590, -8.2622,
-56.7936

■ 50.4770, -7.1372,
-44.2683

■ 175.5310, -9.1358,
-56.5937

■ 33.8810, -9.8013,
-29.7136

■ 204.0040, -9.8620,
-57.0085

■ 19.9580, -9.8393,
-17.5032

■ 224.0850, -5.9579,
-49.1865

■ 0.0000, 0.0000,
0.0000

■ 235.9480, 1.9976,
-34.1574

■ 246.3290, 4.2748,

-17.8285

■ 89.1320, -4.0091,
-67.6448

■ 89.1320, -4.0091,
-67.6448

■ 84.9740, -4.4242,
-74.5222

■ 93.5890, -3.7414,
-60.1526

■ 98.1600, -3.0369,
-52.7603

■ 102.6170, -2.7692,
-45.2681

■ 107.1880, -2.0647,
-37.8759

■ 111.6450, -1.7970,
-30.3837

■ 116.1020, -1.5293,
-22.8915

■ 120.6730, -0.8248,
-15.4992

■ 125.1300, -0.5571,
-8.0070

■ 129.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



103.8600, -28.0320, -15.6632



89.1320, -4.0091, -67.6448



91.2780, 14.6529, -80.0508

Triad

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



89.1320, -4.0091, -67.6448



103.8160, 42.4887, -48.0736



111.3960, -20.4082, 59.2887

Complementary

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



89.1320, -4.0091, -67.6448



52.8680, 4.0091, 67.6448

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.



113.0000, -2.9580, 62.2670



89.1320, -4.0091, -67.6448



116.4380, 29.3641, 8.3859

Square

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



89.1320, -4.0091, -67.6448



94.9380, 43.9076, -83.2606



115.7710, 14.4099, 44.9278



110.9150, -34.4681, 42.1705

Rectangle

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



89.1320, -4.0091, -67.6448



94.2420, 26.0097, -82.6502



115.7710, 14.4099, 44.9278



112.0850, -15.3249, 62.1925

Sweetspot

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



89.1320, -4.0091, -67.6448



152.3790, -1.6658, -25.7654



95.9170, -41.3711, -30.6222



74.6730, -0.8248, -15.4992



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



89.1320, -4.0091, -67.6448



109.7880, -5.8115, -96.2841



88.8480, 20.2879, -67.3957



61.5650, -0.2785, -4.0035



83.6860, -4.2822, -73.3926



0.0000, 0.0000, 0.0000

Inverse Universe

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



52.8680, 4.0091, 67.6448



58.2120, 5.8115, 96.2841



53.1520, -20.2879, 67.3957



59.4350, 0.2785, 4.0035



44.3140, 4.2822, 73.3926



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 89.1320, -4.0091, -67.6448 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 89.1320, -4.0091, -67.6448 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 89.1320, -4.0091, -67.6448

Background



This preview shows how black text looks on a background with the YUV color 89.1320, -4.0091, -67.6448.



This preview shows how white text looks on a background with the YUV color 89.1320, -4.0091,

-67.6448.

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

89.1320, -4.0091, -67.6448

Protanopia

111.5440, -18.5092, 10.0469

Deuteranopia

112.9670, -13.2947, 17.5689



Tritanopia

102.4160, 15.5709, -47.7228

Trichromacy



Original Color

89.1320, -4.0091, -67.6448



Protanomaly

103.4480, -13.0389, -17.9329



Deuteranomaly

104.2790, -9.9975, -13.3997



Tritanomaly

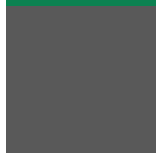
97.5370, 8.6093, -54.8449

Monochromacy



Original Color

89.1320, -4.0091, -67.6448



Achromatopsia

89.0000, 0.0000, 0.0000



Achromatomaly

89.0910, -1.5239, -24.6358

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.1320, -4.0091, -67.6448 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(12, 130, 81)` looks like.

```
.text, #text, p{  
    color:rgb(12, 130, 81)  
}
```

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(12, 130, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 130, 81) }
```

Border

The CSS property to change the border of an element to YUV 89.1320, -4.0091, -67.6448 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(12, 130, 81) }
```


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

```
.border{ border-color:rgb(12, 130, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 130, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 130, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 130, 81);  
box-shadow:4px 4px 4px 4px rgb(12, 130,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 89.1320, -4.0091, -67.6448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 130, 81) }
```

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

```
.background{ background-color: rgb(12, 130,  
81) }
```

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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