

Converting Colors

YUV(92.6320, 68.7084,
-11.0783)

Have a look what the booklet for
YUV(92.6320, 68.7084, -11.0783)
contains.

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Color

**YUV(92.6320, 68.7084,
-11.0783)**

Conversions

Conversions Part 1

Format	Color
Hex	5048E8
RGB	80, 72, 232
RGB Percent	31%, 28%, 91%
CMY	0.6863, 0.7176, 0.0902
CMYK	0.66, 0.69, 0.00, 0.09
HSL	243°, 78%, 60%
HSV	243°, 69%, 91%
XYZ	20.1911, 12.1664, 77.6281
YIQ	92.6320, -46.5920, 51.4560

Conversions

Conversions Part 2

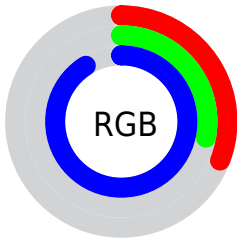
Format	Color
R _Y B	80, 72, 232
Decimal	5261544
CIE Lab	41.48, 50.58, -79.57
CIE LCh	41, 94.285, 302.446
Yxy	12.1664, 0.1836, 0.1106
Android (android.graphics.Color)	4283451624 (0xFF5048E8)
YUV	92.6320, 68.7084, -11.0783
Hunter-Lab	34.8804, 42.2873, -107.5368

Details

The YUV color **92.6320, 68.7084, -11.0783** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **211.3680, -68.7084, 11.0783**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.3380, 54.5564, 1.4576**, and **34.6250, 69.2049, -30.3661** is the 20% darker color. If you saturate the color by 10%, you get **72.5530, 78.6074, -12.7630**, and if you desaturate by 10%, it is **112.7110, 58.8095, -9.3935**.

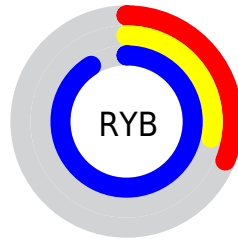
Distribution



Red (31%)

Green (28%)

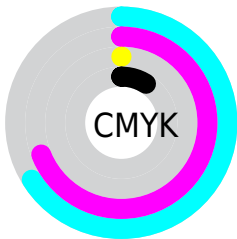
Blue (91%)



Red (31%)

Yellow (28%)

Blue (91%)

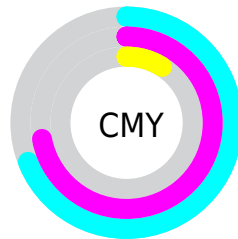


Cyan (66%)

Magenta (69%)

Yellow (0%)

Black (9%)



Cyan (69%)

Magenta (72%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.6320, 68.7084, -11.0783 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 92.6320, 68.7084, -11.0783 by changing the saturation by 10% instead.

■ 92.6320, 68.7084,
-11.0783

■ 92.6320, 68.7084,
-11.0783

255.0000, 0.0000,
0.0000

■ 62.3810, 69.3252,
-22.2591

■ 144.3380, 54.5564,
1.4576

■ 34.6250, 69.2049,
-30.3661

■ 168.8690, 42.4626,
7.1309

■ 18.5190, 63.3411,
-16.2412

■ 193.9870, 30.0794,
12.2894

■ 13.7940, 52.8526,
-12.0973

■ 219.6920, 17.4068,
16.9331

■ 13.1780, 40.3382,
-11.5571

■ 240.9120, 6.9454,
12.3552

■ 12.6760, 28.2607,
-11.1169

■ 7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 92.6320, 68.7084,
-11.0783

■ 92.6320, 68.7084,
-11.0783

■ 72.5530, 78.6074,
-12.7630

■ 112.7110, 58.8095,
-9.3935

■ 52.4740, 88.5063,
-14.4477

■ 132.7900, 48.9105,
-7.7088

■ 31.8080, 98.6947,
-15.6176

■ 153.4560, 38.7222,
-6.5389

■ 30.0360, 99.5683,
-15.8176

■ 173.5350, 28.8232,
-4.8542

■ 193.6140, 18.9243,
-3.1695

■ 213.6930, 9.0254,
-1.4848

■ 233.7720, -0.8736,
0.2000

■ 252.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



92.4660, 80.1293, -81.0927



92.6320, 68.7084, -11.0783



76.3040, 46.6851, 99.7114

Triad

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



92.6320, 68.7084, -11.0783



87.8330, -43.3017, 75.5685



85.7040, 8.5269, -75.1624

Complementary

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



92.6320, 68.7084, -11.0783



211.3680, -68.7084, 11.0783

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.



72.7710, -33.4111, -63.8202



92.6320, 68.7084, -11.0783



91.6120, -45.1647, 19.6343

Square

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



92.6320, 68.7084, -11.0783



66.1520, -23.2459, 129.6627



69.2990, -34.1644, -55.5132



95.1830, 42.3078, -83.4755

Rectangle

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



92.6320, 68.7084, -11.0783



78.9760, 20.7178, 121.9240



69.2990, -34.1644, -55.5132



81.9250, -3.4140, -71.8482

Sweetspot

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



92.6320, 68.7084, -11.0783



208.0530, 23.1449, -3.5545



179.4640, 25.9002, -94.2459



99.9470, 13.8301, -2.5845



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



92.6320, 68.7084, -11.0783



70.4570, 90.9797, -14.4328



116.5520, 56.9159, 38.1039



104.6670, 5.0942, -0.5850



23.0970, 76.8602, -12.3631



6.7110, 21.8345, -3.2545

Inverse Universe

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



137.1680, 42.8082, 83.1677



129.3020, 56.5461, 110.2371



187.4480, -56.9159, -38.1039



107.8420, 3.0359, 6.2776



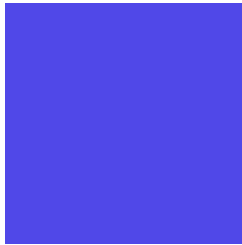
72.9010, 47.8698, 93.0488



20.7210, 13.4485, 26.5547

Previews

White Background



This preview shows how the YUV color 92.6320, 68.7084, -11.0783 looks on a white background.

Color Contrast Check

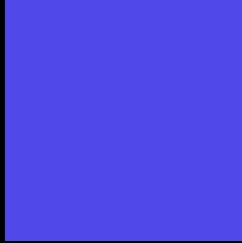
Large Text (above 18pt) WCAG AA ✓ Pass

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 92.6320, 68.7084, -11.0783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

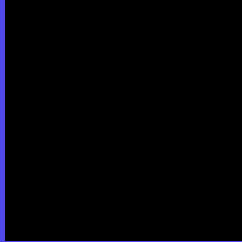
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.6320, 68.7084, -11.0783

Background



This preview shows how black text looks on a background with the YUV color 92.6320, 68.7084, -11.0783.



This preview shows how white text looks on a background with the YUV color 92.6320, 68.7084, -11.0783.

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

92.6320, 68.7084, -11.0783

Protanopia

77.7500, 59.2833, -68.1868

Deuteranopia

77.9660, 44.8798, -68.3762



Tritanopia

76.6200, 19.4143, -67.1957

Trichromacy



Original Color

92.6320, 68.7084, -11.0783

Protanomaly

83.0930, 62.5652, -47.4396

Deuteranomaly

83.3890, 53.5452, -47.6992

Tritanomaly

82.4480, 37.2471, -46.8739

Monochromacy



Original Color

92.6320, 68.7084, -11.0783

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.6230, 25.3289, -4.0544

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.6320, 68.7084, -11.0783 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(80, 72, 232)` looks like.

```
.text, #text, p{  
    color:rgb(80, 72, 232)  
}
```

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(80, 72, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 72, 232) }
```

Border

The CSS property to change the border of an element to YUV 92.6320, 68.7084, -11.0783 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(80, 72, 232) }
```


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

```
.border{ border-color:rgb(80, 72, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 72, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 72, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 72, 232);  
box-shadow:4px 4px 4px 4px rgb(80, 72,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 92.6320, 68.7084, -11.0783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 72, 232) }
```

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

```
.background{ background-color: rgb(80, 72,  
232) }
```

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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