

Converting Colors

YUV(93.3020, -8.0369, 11.1361)

Have a look what the booklet for
YUV(93.3020, -8.0369, 11.1361)
contains.

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Color

**YUV(93.3020, -8.0369,
11.1361)**

Conversions

Conversions Part 1

Format	Color
Hex	6A5A4D
RGB	106, 90, 77
RGB Percent	42%, 35%, 30%
CMY	0.5843, 0.6471, 0.6980
CMYK	0.00, 0.15, 0.27, 0.58
HSL	27°, 16%, 36%
HSV	27°, 27%, 42%
XYZ	10.9396, 10.9123, 8.5509
YIQ	93.3020, 13.7090, -0.6510

Conversions

Conversions Part 2

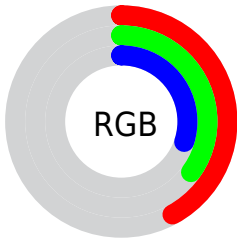
Format	Color
R_{YB}	106, 101, 77
Decimal	6969933
CIE Lab	39.43, 4.28, 9.93
CIE LCh	39, 10.810, 66.663
Yxy	10.9123, 0.3598, 0.3589
Android (android.graphics.Color)	4285160013 (0xFF6A5A4D)
YUV	93.3020, -8.0369, 11.1361
Hunter-Lab	33.0338, 1.3035, 7.7763

Details

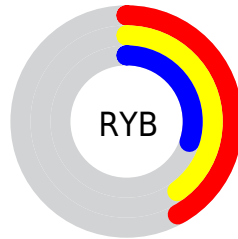
The YUV color **93.3020, -8.0369, 11.1361** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **89.6980, 8.0369, -11.1361**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.7860, -8.7685, 12.4657**, and **46.9320, -6.8685, 9.7066** is the 20% darker color. If you saturate the color by 10%, you get **88.5260, -11.1053, 15.3247**, and if you desaturate by 10%, it is **98.0780, -4.9685, 6.9476**.

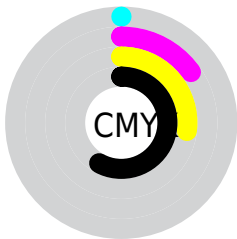
Distribution



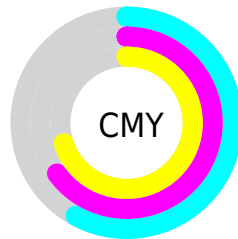
- Red (42%)
- Green (35%)
- Blue (30%)



- Red (42%)
- Yellow (40%)
- Blue (30%)



- Cyan (0%)
- Magenta (15%)
- Yellow (27%)
- Black (58%)



- Cyan (58%)
- Magenta (65%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.3020, -8.0369, 11.1361 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 93.3020, -8.0369, 11.1361 by changing the saturation by 10% instead.

■ 93.3020, -8.0369,
11.1361

■ 93.3020, -8.0369,
11.1361

■ 255.0000, 0.0000,
0.0000

■ 70.0030, -7.8895,
10.5214

■ 143.7860, -8.7685,
12.4657

■ 46.9320, -6.8685,
9.7066

■ 170.0850, -8.9159,
13.0805

■ 25.9920, -7.8841,
8.7770

■ 197.9710, -9.3527,
13.1804

■ 1.4950, -0.7370,
3.0739

■ 225.2700, -9.5001,
13.7952

■ 0.0000, 0.0000,
0.0000

■ 249.6710, -7.7258,
4.6735

■ 93.3020, -8.0369,
11.1361

■ 93.3020, -8.0369,
11.1361

■ 88.5260, -11.1053,
15.3247

■ 98.0780, -4.9685,
6.9476

■ 83.8640, -13.7370,
19.4133

■ 102.7400, -2.3368,
2.8590

■ 79.0880, -16.8054,
23.6018

■ 107.5160, 0.7316,
-1.3295

■ 75.0130, -19.7264,
27.1756

■ 111.5910, 3.6526,
-4.9033

■ 70.2370, -22.7948,
31.3642

■ 116.3670, 6.7211,
-9.0919

■ 65.4610, -25.8633,
35.5527

■ 121.1430, 9.7895,
-13.2804

■ 60.7990, -28.4949,
39.6413

■ 125.8050, 12.4211,
-17.3690

■ 59.8700, -29.5159,

■ 130.5810, 15.4896,

40.4560

-21.5575

■ 135.2430, 18.1212,
-25.6461

Harmonies

Analogous

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



94.3070, -5.5744, 14.6398



93.3020, -8.0369, 11.1361



92.4430, -8.5994, 4.8735

Triad

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



93.3020, -8.0369, 11.1361



89.5850, 2.6696, -16.2990



94.0310, 6.3937, 2.6038

Complementary

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



93.3020, -8.0369, 11.1361



89.6980, 8.0369, -11.1361

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.



92.8450, 8.4574, -6.0031



93.3020, -8.0369, 11.1361



89.6110, 6.6008, -17.1988

Square

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



93.3020, -8.0369, 11.1361



90.0650, -2.0040, -10.5810



91.2030, 8.7739, -14.2100



94.7500, 2.5882, 9.8663

Rectangle

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



93.3020, -8.0369, 11.1361



91.7520, -7.2727, -0.6595



91.2030, 8.7739, -14.2100



93.6500, 7.5676, -0.5700

Sweetspot

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



93.3020, -8.0369, 11.1361



133.2240, -3.0684, 4.1886



87.4950, 2.7140, 16.2289



65.8540, -1.9000, 2.7590



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



93.3020, -8.0369, 11.1361



118.0810, -12.8579, 17.4690



101.5200, -12.0884, 3.9290



51.5550, -1.7526, 2.1443



66.0940, -32.5843, 44.6446



137.8250, -67.9477, 93.9925

Inverse Universe

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



89.6980, 8.0369, -11.1361



111.9190, 12.8579, -17.4690



81.4800, 12.0884, -3.9290



50.4450, 1.7526, -2.1443



51.4930, 32.2950, -45.1594



107.1750, 67.9477, -93.9925

Previews

White Background



This preview shows how the YUV color 93.3020, -8.0369, 11.1361 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 93.3020, -8.0369, 11.1361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

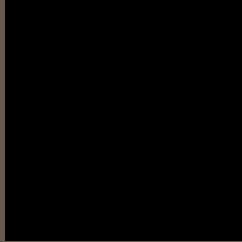
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.3020, -8.0369, 11.1361

Background



This preview shows how black text looks on a background with the YUV color 93.3020, -8.0369, 11.1361.



This preview shows how white text looks on a background with the YUV color 93.3020, -8.0369,

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

93.3020, -8.0369, 11.1361

Protanopia

92.7850, -7.2890, 4.5736

Deuteranopia

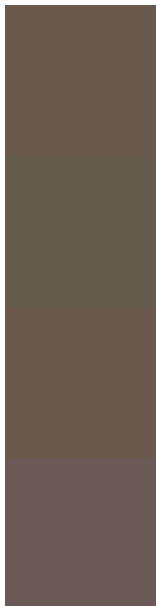
93.3130, -8.0423, 12.8805



Tritanopia

94.6640, -0.3274, 11.6957

Trichromacy



Original Color

93.3020, -8.0369, 11.1361

Protanomaly

93.0950, -7.4418, 6.9327

Deuteranomaly

93.0140, -7.8949, 12.2657

Tritanomaly

94.2680, -3.0901, 11.1660

Monochromacy



Original Color

93.3020, -8.0369, 11.1361

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.2240, -3.0684, 4.1886

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.3020, -8.0369, 11.1361 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(106, 90, 77)` looks like.

```
.text, #text, p{  
    color:rgb(106, 90, 77)  
}
```

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(106, 90, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 90, 77) }
```

Border

The CSS property to change the border of an element to YUV 93.3020, -8.0369, 11.1361 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(106, 90, 77) }
```


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

```
.border{ border-color:rgb(106, 90, 77) }
```

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

Here you see how a box with a 4 pixel rgb(106, 90, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 90, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 90, 77);  
box-shadow:4px 4px 4px 4px rgb(106, 90,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 93.3020, -8.0369, 11.1361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 90, 77) }
```

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

```
.background{ background-color: rgb(106, 90,  
77) }
```

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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