

Converting Colors

YUV(95.5580, -16.5441,
-13.6444)

Have a look what the booklet for
YUV(95.5580, -16.5441, -13.6444)
contains.

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Color

**YUV(95.5580, -16.5441,
-13.6444)**

Conversions

Conversions Part 1

Format	Color
Hex	506E3E
RGB	80, 110, 62
RGB Percent	31%, 43%, 24%
CMY	0.6863, 0.5686, 0.7569
CMYK	0.27, 0.00, 0.44, 0.57
HSL	98°, 28%, 34%
HSV	98°, 44%, 43%
XYZ	9.7537, 13.2051, 6.5922
YIQ	95.5580, -2.4720, -21.2880

Conversions

Conversions Part 2

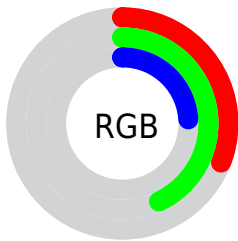
Format	Color
RYB	62, 110, 92
Decimal	5271102
CIELab	43.07, -20.53, 23.31
CIELCh	43, 31.062, 131.363
Yxy	13.2051, 0.3301, 0.4469
Android (android.graphics.Color)	4283461182 (0xFF506E3E)
YUV	95.5580, -16.5441, -13.6444
Hunter-Lab	36.3389, -15.6819, 14.6815

Details

The YUV color **95.5580, -16.5441, -13.6444** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **76.4420, 16.5441, 13.6444**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.5040, -17.9965, -14.4740**, and **48.3130, -14.9443, -13.4295** is the 20% darker color. If you saturate the color by 10%, you get **92.2110, -20.3170, -16.8480**, and if you desaturate by 10%, it is **98.9050, -12.7712, -10.4407**.

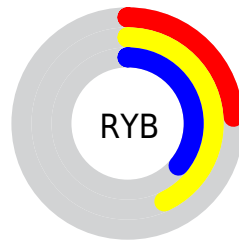
Distribution



Red (31%)

Green (43%)

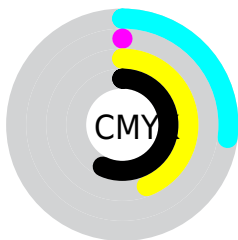
Blue (24%)



Red (24%)

Yellow (43%)

Blue (36%)

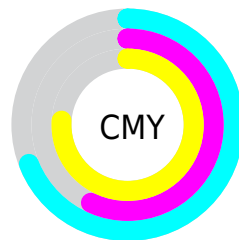


Cyan (27%)

Magenta (0%)

Yellow (44%)

Black (57%)



Cyan (69%)

Magenta (57%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.5580, -16.5441, -13.6444 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 95.5580, -16.5441, -13.6444 by changing the saturation by 10% instead.

■ 95.5580, -16.5441,
-13.6444

■ 95.5580, -16.5441,
-13.6444

■ 255.0000, 0.0000,
0.0000

■ 71.6720, -16.1073,
-13.7443

■ 146.5040,
-17.9965, -14.4740

■ 48.3130, -14.9443,
-13.4295

■ 173.3900,
-18.4333, -14.3740

■ 27.3670, -13.4919,
-12.5999

■ 200.8630,
-19.1595, -14.7889

■ 11.1530, -5.4984,
-9.7812

■ 228.8630,
-19.1595, -14.7889

■ 0.0000, 0.0000,
0.0000

■ 246.4820,
-14.5346, -4.8077

■ 253.9740, -3.9312,

0.8998

■ 95.5580, -16.5441,
-13.6444

■ 95.5580, -16.5441,
-13.6444

■ 92.2110, -20.3170,
-16.8480

■ 98.9050, -12.7712,
-10.4407

■ 88.8640, -24.0900,
-20.0517

■ 102.2520, -8.9982,
-7.2370

■ 85.5170, -27.8629,
-23.2554

■ 105.5990, -5.2253,
-4.0333

■ 82.4690, -31.7832,
-25.8443

■ 108.9460, -1.4524,
-0.8296

■ 79.1220, -35.5561,
-29.0480

■ 111.9940, 2.4680,
1.7593

■ 76.8290, -37.8767,
-31.4220

■ 115.3410, 6.2409,
4.9629

■ 118.6880, 10.0138,
8.1666

■ 122.0350, 13.7867,
11.3703

■ 125.3820, 17.5597,
14.5740

Harmonies

Analogous

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



98.4530, -23.8873, 8.3727



95.5580, -16.5441, -13.6444



89.6500, -2.7854, -40.0350

Triad

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



95.5580, -16.5441, -13.6444



85.2690, 31.9124, -62.5029



103.2980, -5.0769, 41.8347

Complementary

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



95.5580, -16.5441, -13.6444



76.4420, 16.5441, 13.6444

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.



104.4460, 7.1751, 32.0579



95.5580, -16.5441, -13.6444



99.9370, 25.6671, -19.2387

Square

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



95.5580, -16.5441, -13.6444



82.3080, 25.9772, -72.1841



104.3600, 17.5705, 11.0853



102.0020, -16.2700, 38.5862

Rectangle

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



95.5580, -16.5441, -13.6444



79.1330, 11.2734, -69.3996



104.3600, 17.5705, 11.0853



103.7260, -0.8509, 39.7053

Sweetspot

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



95.5580, -16.5441, -13.6444



137.2460, -6.5303, -5.4777



93.9620, -15.7573, 14.0653



67.6530, -3.7729, -3.2037



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



95.5580, -16.5441, -13.6444



120.5110, -25.3949, -21.4961



90.8600, -11.2700, -25.3102



54.4190, -2.1786, -1.2445



83.8950, -41.3602, -34.1109



172.7960, -85.1884, -69.9811

Inverse Universe

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



76.4420, 16.5441, 13.6444



91.1900, 25.5423, 20.8814



81.1400, 11.2700, 25.3102



51.8800, 2.0312, 1.8592



36.1050, 41.3602, 34.1109



74.5030, 85.0410, 70.5959

Previews

White Background



This preview shows how the YUV color 95.5580, -16.5441, -13.6444 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 95.5580, -16.5441, -13.6444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

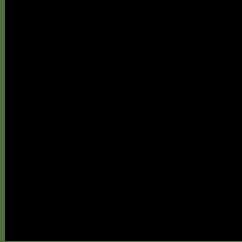
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.5580, -16.5441, -13.6444

Background



This preview shows how black text looks on a background with the YUV color 95.5580, -16.5441, -13.6444.



This preview shows how white text looks on a background with the YUV color 95.5580, -16.5441, -13.6444.

-13.6444.

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

95.5580, -16.5441, -13.6444

Protanopia

99.2020, -19.8196, 10.3468

Deuteranopia

100.8270, -17.6627, 18.5687



Tritanopia

100.1280, 5.8529, -10.6363

Trichromacy



Original Color

95.5580, -16.5441, -13.6444

Protanomaly

97.7880, -18.6295, 1.9399

Deuteranomaly

99.1630, -17.3354, 6.8730

Tritanomaly

98.3530, -2.1460, -11.7106

Monochromacy



Original Color

95.5580, -16.5441, -13.6444

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.7730, -5.8041, -5.0629

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.5580, -16.5441, -13.6444 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, 110, 62)` looks like.

```
.text, #text, p{  
    color:rgb(80, 110, 62)  
}
```

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, 110, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 110, 62) }
```

Border

The CSS property to change the border of an element to YUV 95.5580, -16.5441, -13.6444 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, 110, 62) }
```


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

```
.border{ border-color:rgb(80, 110, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 110, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 110, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 110, 62);  
box-shadow:4px 4px 4px 4px rgb(80, 110,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 95.5580, -16.5441, -13.6444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 110, 62) }
```

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

```
.background{ background-color: rgb(80, 110,  
62) }
```

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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