

Converting Colors

YUV(91.6100, -8.6817, -15.4440)

Have a look what the booklet for
YUV(91.6100, -8.6817, -15.4440)
contains.

YUV(91.6100, -8.6817, -15.4440)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(91.6100, -8.6817,
-15.4440)**

Conversions

Conversions Part 1

Format	Color
Hex	4A684A
RGB	74, 104, 74
RGB Percent	29%, 41%, 29%
CMY	0.7098, 0.5922, 0.7098
CMYK	0.29, 0.00, 0.29, 0.59
HSL	120°, 17%, 35%
HSV	120°, 29%, 41%
XYZ	9.0104, 11.8509, 8.2911
YIQ	91.6100, -8.2500, -15.6900

Conversions

Conversions Part 2

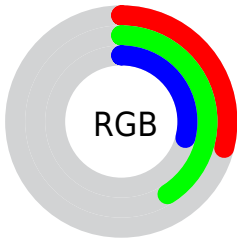
Format	Color
R_{YB}	74, 104, 104
Decimal	4876362
CIE _{Lab}	40.98, -17.61, 13.47
CIE _{LCh}	41, 22.170, 142.595
Yxy	11.8509, 0.3091, 0.4065
Android (android.graphics.Color)	4283066442 (0xFF4A684A)
YUV	91.6100, -8.6817, -15.4440
Hunter-Lab	34.4251, -13.5236, 9.8179

Details

The YUV color $91.6100, -8.6817, -15.4440$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $86.3900, 8.6817, 15.4440$, and the grayscale version is $92.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $142.0830, -9.4079, -15.8588$, and $45.2510, -7.5187, -15.1291$ is the 20% darker color. If you saturate the color by 10%, you get $87.4800, -11.5756, -20.5920$, and if you desaturate by 10%, it is $95.7400, -5.7878, -10.2960$.

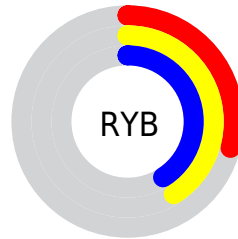
Distribution



Red (29%)

Green (41%)

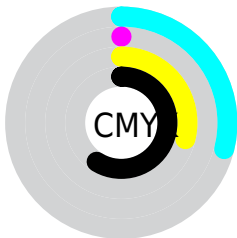
Blue (29%)



Red (29%)

Yellow (41%)

Blue (41%)

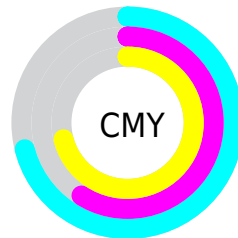


Cyan (29%)

Magenta (0%)

Yellow (29%)

Black (59%)



Cyan (71%)

Magenta (59%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.6100, -8.6817, -15.4440 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 91.6100, -8.6817, -15.4440 by changing the saturation by 10% instead.

■ 91.6100, -8.6817,
-15.4440

■ 91.6100, -8.6817,
-15.4440

255.0000, 0.0000,
0.0000

■ 68.0230, -8.3923,
-14.9292

■ 142.0830, -9.4079,
-15.8588

■ 45.2510, -7.5187,
-15.1291

■ 168.6700, -9.6973,
-16.3736

■ 23.3220, -8.5397,
-14.3144

■ 196.1430,
-10.4235, -16.7884

■ 4.1090, -2.0257,
-3.6036

■ 223.8440,
-10.2761, -17.4032

■ 0.0000, 0.0000,
0.0000

■ 245.3870, -7.0928,
-11.7404

■ 91.6100, -8.6817,
-15.4440

■ 91.6100, -8.6817,
-15.4440

■ 87.4800, -11.5756,
-20.5920

■ 95.7400, -5.7878,
-10.2960

■ 82.9370, -14.7589,
-26.2547

■ 100.2830, -2.6045,
-4.6332

■ 78.8070, -17.6529,
-31.4027

■ 104.4130, 0.2894,
0.5148

■ 74.2640, -20.8362,
-37.0655

■ 108.9560, 3.4727,
6.1776

■ 70.1340, -23.7301,
-42.2135

■ 113.0860, 6.3666,
11.3256

■ 66.0040, -26.6240,
-47.3615

■ 117.2160, 9.2605,
16.4736

■ 61.4610, -29.8073,
-53.0243

■ 121.7590, 12.4438,
22.1364

■ 61.0480, -30.0967,

■ 125.8890, 15.3377,

-53.5391

27.2843

■ 130.4320, 18.5210,
32.9471

Harmonies

Analogous

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



94.2870, -15.4245, 0.6253



91.6100, -8.6817, -15.4440



88.1440, 1.4080, -31.6983

Triad

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



91.6100, -8.6817, -15.4440



93.1830, 19.1368, -24.7165



98.6510, -7.2229, 30.1241

Complementary

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



91.6100, -8.6817, -15.4440



86.3900, 8.6817, 15.4440

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.



98.9200, 1.5184, 26.3802



91.6100, -8.6817, -15.4440



97.8050, 15.8721, -4.2140

Square

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



91.6100, -8.6817, -15.4440



86.9590, 18.7542, -42.0600



99.0200, 9.8501, 14.0145



97.3810, -14.4848, 25.9759

Rectangle

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



91.6100, -8.6817, -15.4440



86.3260, 8.7133, -41.5049



99.0200, 9.8501, 14.0145



98.7480, -4.3128, 30.0390

Sweetspot

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



91.6100, -8.6817, -15.4440



130.0440, -3.4727, -6.1776



100.5800, -13.1039, 2.9993



65.6960, -2.3151, -4.1184



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.



91.6100, -8.6817, -15.4440



115.5890, -13.6014, -24.1956



93.3200, -2.1298, -16.9436



48.9350, -1.4470, -2.5740



67.5050, -33.2800, -59.2019



142.0540, -70.0326, -124.5814

Inverse Universe

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



86.3900, 8.6817, 15.4440



107.4110, 13.6014, 24.1956



84.6800, 2.1298, 16.9436



48.0650, 1.4470, 2.5740



47.4950, 33.2800, 59.2019



99.9460, 70.0326, 124.5814

Previews

White Background



This preview shows how the YUV color 91.6100, -8.6817, -15.4440 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 91.6100, -8.6817, -15.4440 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 91.6100, -8.6817, -15.4440

Background



This preview shows how black text looks on a background with the YUV color 91.6100, -8.6817, -15.4440.



This preview shows how white text looks on a background with the YUV color 91.6100, -8.6817,

-15.4440.

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

91.6100, -8.6817, -15.4440

Protanopia

95.2430, -11.9518, 6.8029

Deuteranopia

96.1560, -9.9369, 13.8952



Tritanopia

94.9320, 6.4425, -13.0954

Trichromacy



Original Color

91.6100, -8.6817, -15.4440

Protanomaly

93.8290, -10.7617, -1.6040

Deuteranomaly

94.2040, -9.4676, 3.3291

Tritanomaly

93.5530, 1.2064, -13.6400

Monochromacy



Original Color

91.6100, -8.6817, -15.4440

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.4570, -3.1833, -5.6628

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.6100, -8.6817, -15.4440 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(74, 104, 74)` looks like.

```
.text, #text, p{  
    color:rgb(74, 104, 74)  
}
```

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(74, 104, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 104, 74) }
```

Border

The CSS property to change the border of an element to YUV 91.6100, -8.6817, -15.4440 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(74, 104, 74) }
```


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

```
.border{ border-color:rgb(74, 104, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 104, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 104, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 104, 74);  
box-shadow:4px 4px 4px 4px rgb(74, 104,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 91.6100, -8.6817, -15.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 104, 74) }
```

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

```
.background{ background-color: rgb(74, 104,  
74) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor