

Converting Colors

YUV(116.4620, -44.1048,
53.0918)

Have a look what the booklet for
YUV(116.4620, -44.1048, 53.0918)
contains.

YUV(116.4620, -44.1048, 53.0918)	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(116.4620, -44.1048,
53.0918)**

Conversions

Conversions Part 1

Format	Color
Hex	B1671B
RGB	177, 103, 27
RGB Percent	69%, 40%, 11%
CMY	0.3059, 0.5961, 0.8941
CMYK	0.00, 0.42, 0.85, 0.31
HSL	30°, 74%, 40%
HSV	30°, 85%, 69%
XYZ	23.1795, 19.1267, 3.5070
YIQ	116.4620, 68.5000, -7.9480

Conversions

Conversions Part 2

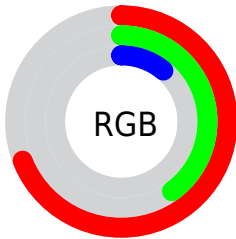
Format	Color
R_{YB}	173, 177, 27
Decimal	11626267
CIE _{Lab}	50.84, 24.30, 51.60
CIE _{LCh}	51, 57.036, 64.779
Yxy	19.1267, 0.5060, 0.4175
Android (android.graphics.Color)	4289816347 (0xFFB1671B)
YUV	116.4620, -44.1048, 53.0918
Hunter-Lab	43.7341, 18.0721, 25.8594

Details

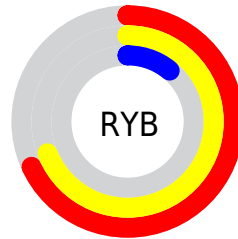
The YUV color **116.4620, -44.1048, 53.0918** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **87.5380, 44.1048, -53.0918**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.0390, -45.8682, 58.7248**, and **67.8660, -33.4579, 44.8445** is the 20% darker color. If you saturate the color by 10%, you get **109.1270, -49.3626, 59.5246**, and if you desaturate by 10%, it is **123.7970, -38.8469, 46.6590**.

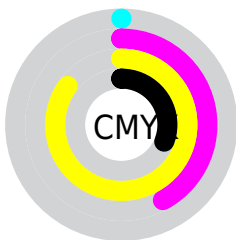
Distribution



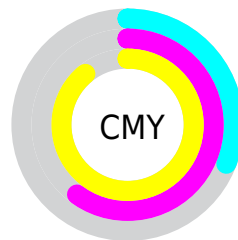
- Red (69%)
- Green (40%)
- Blue (11%)



- Red (68%)
- Yellow (69%)
- Blue (11%)



- Cyan (0%)
- Magenta (42%)
- Yellow (85%)
- Black (31%)



- Cyan (31%)
- Magenta (60%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.4620, -44.1048, 53.0918 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 116.4620, -44.1048, 53.0918 by changing the saturation by 10% instead.

■ 116.4620,
-44.1048, 53.0918

■ 116.4620,
-44.1048, 53.0918

255.0000, 0.0000,
0.0000

■ 90.3260, -44.5307,
49.7031

■ 171.0390,
-45.8682, 58.7248

■ 67.8660, -33.4579,
44.8445

■ 194.9350,
-44.8310, 52.6770

■ 46.2810, -22.8165,
38.3416

■ 213.7480,
-41.2878, 36.1780

■ 24.4080, -12.0331,
32.9682

■ 233.8490,
-37.8866, 18.5494

■ 11.7750, -5.3121,
23.8763

■ 247.0200,
-30.5759, 6.9985

■ 0.0000, 0.0000,
0.0000

■ 250.2120,

-18.3455, 4.1991

253.5180, -5.6784,
1.2997

116.4620,
-44.1048, 53.0918

116.4620,
-44.1048, 53.0918

109.1270,
-49.3626, 59.5246

123.7970,
-38.8469, 46.6590

105.7530,
-52.1362, 62.4836

130.4310,
-33.7365, 40.8410

137.7660,
-28.4786, 34.4082

145.1010,
-23.2208, 27.9754

152.3220,
-18.3997, 21.6426

■ 159.0700,
-12.8525, 15.7246

■ 166.4050, -7.5947,
9.2918

■ 173.7400, -2.3368,
2.8590

■ 180.9610, 2.4842,
-3.4738

Harmonies

Analogous

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



116.2840, -23.8040, 75.1729



116.4620, -44.1048, 53.0918



112.2890, -55.3585, 22.5485

Triad

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



116.4620, -44.1048, 53.0918



99.1200, 14.2378, -86.9282



124.1310, 38.3894, 6.9011

Complementary

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



116.4620, -44.1048, 53.0918



87.5380, 44.1048, -53.0918

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.



97.6400, 59.3375, -85.6303



116.4620, -44.1048, 53.0918



103.8910, 35.0567, -91.1124

Square

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



116.4620, -44.1048, 53.0918



91.5450, -7.1707, -80.2850



104.2450, 51.6442, -91.4229



122.0310, 20.1977, 55.2238

Rectangle

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



116.4620, -44.1048, 53.0918



109.9420, -45.8204, -3.4571



104.2450, 51.6442, -91.4229



120.7800, 43.9855, -14.7161

Sweetspot

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



116.4620, -44.1048, 53.0918



206.3650, -16.9419, 20.7279



80.4000, 10.6488, 84.7182



101.0310, -10.3683, 12.2508



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



116.4620, -44.1048, 53.0918



136.8620, -67.4730, 81.6820



159.9000, -65.5197, 14.9967



85.6260, -2.7736, 2.9590



91.5330, -45.1258, 53.9066



15.4050, -7.5947, 9.2918

Inverse Universe

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



87.5380, 44.1048, -53.0918



92.5510, 67.7624, -81.1672



44.1000, 65.5197, -14.9967



83.9610, 2.4842, -3.4738



61.4670, 45.1258, -53.9066



10.5950, 7.5947, -9.2918

Previews

White Background



This preview shows how the YUV color 116.4620, -44.1048, 53.0918 looks on a white 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

Black Background



This preview shows how the YUV color 116.4620, -44.1048, 53.0918 looks on a black 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

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

YUV 116.4620, -44.1048, 53.0918 Background



This preview shows how black text looks on a background with the YUV color 116.4620, -44.1048, 53.0918.



This preview shows how white text looks on a background with the YUV color 116.4620, -44.1048,

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

116.4620, -44.1048, 53.0918

Protanopia

116.2250, -41.5229, 18.2197

Deuteranopia

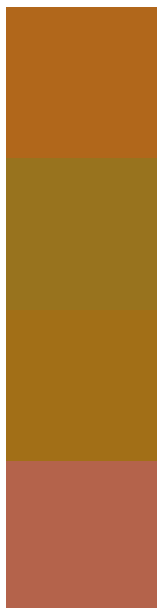
115.5320, -47.0973, 32.8594



Tritanopia

122.2130, -9.4720, 51.5562

Trichromacy



Original Color

116.4620, -44.1048, 53.0918

Protanomaly

116.3730, -42.5819, 31.2449

Deuteranomaly

116.2170, -45.9560, 40.1517

Tritanomaly

120.4830, -22.4231, 52.1964

Monochromacy



Original Color

116.4620, -44.1048, 53.0918

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.9950, -15.7735, 19.2984

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.4620, -44.1048, 53.0918 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(177, 103, 27)` looks like.

```
.text, #text, p{  
    color:rgb(177, 103, 27)  
}
```

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(177, 103, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 103, 27) }
```

Border

The CSS property to change the border of an element to YUV 116.4620, -44.1048, 53.0918 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(177, 103, 27) }
```


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

```
.border{ border-color:rgb(177, 103, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 103, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 103, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 103, 27);  
box-shadow:4px 4px 4px 4px rgb(177, 103,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 116.4620, -44.1048, 53.0918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 103, 27) }
```

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

```
.background{ background-color: rgb(177,  
103, 27) }
```

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