

Converting Colors

YUV(114.4410, -45.5734,
57.4952)

Have a look what the booklet for
YUV(114.4410, -45.5734, 57.4952)
contains.

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Color

**YUV(114.4410, -45.5734,
57.4952)**

Conversions

Conversions Part 1

Format	Color
Hex	B46316
RGB	180, 99, 22
RGB Percent	71%, 39%, 9%
CMY	0.2941, 0.6118, 0.9137
CMYK	0.00, 0.45, 0.88, 0.29
HSL	29°, 78%, 40%
HSV	29°, 88%, 71%
XYZ	23.4290, 18.6849, 3.1308
YIQ	114.4410, 72.9930, -6.7750

Conversions

Conversions Part 2

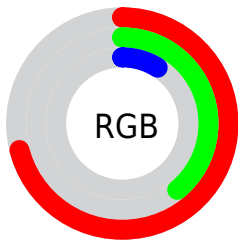
Format	Color
RYB	180, 172, 22
Decimal	11821846
CIELab	50.32, 27.66, 53.07
CIELCh	50, 59.841, 62.473
Yxy	18.6849, 0.5178, 0.4130
Android (android.graphics.Color)	4290011926 (0xFFB46316)
YUV	114.4410, -45.5734, 57.4952
Hunter-Lab	43.2260, 21.1036, 25.9640

Details

The YUV color **114.4410, -45.5734, 57.4952** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **87.5590, 45.5734, -57.4952**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.1320, -46.9001, 63.0282**, and **66.1160, -32.5952, 48.1333** is the 20% darker color. If you saturate the color by 10%, you get **107.1060, -50.8313, 63.9280**, and if you desaturate by 10%, it is **121.7760, -40.3156, 51.0624**.

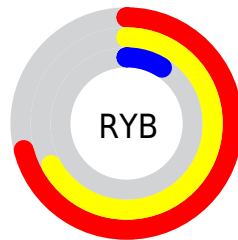
Distribution



Red (71%)

Green (39%)

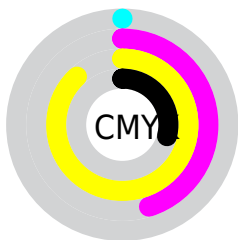
Blue (9%)



Red (71%)

Yellow (67%)

Blue (9%)

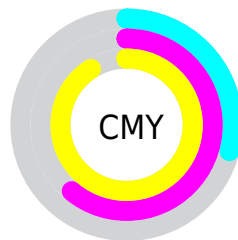


Cyan (0%)

Magenta (45%)

Yellow (88%)

Black (29%)



Cyan (29%)

Magenta (61%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.4410, -45.5734, 57.4952 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 114.4410, -45.5734, 57.4952 by changing the saturation by 10% instead.

■ 114.4410,
-45.5734, 57.4952

■ 114.4410,
-45.5734, 57.4952

255.0000, 0.0000,
0.0000

■ 88.8750, -43.8154,
53.6066

■ 169.1320,
-46.9001, 63.0282

■ 66.1160, -32.5952,
48.1333

■ 191.5440,
-45.1312, 55.6509

■ 43.9440, -21.6644,
42.1451

■ 210.9440,
-41.8774, 38.6371

■ 21.4840, -10.5916,
37.2865

■ 230.4580,
-38.1868, 21.5233

■ 12.3730, -5.6069,
25.1059

■ 246.4500,
-32.7599, 7.4983

■ 0.0000, 0.0000,
0.0000

■ 249.7560,

-20.0927, 4.5990

252.9480, -7.8624,
1.7996

114.4410,
-45.5734, 57.4952

114.4410,
-45.5734, 57.4952

107.1060,
-50.8313, 63.9280

121.7760,
-40.3156, 51.0624

105.4760,
-51.9997, 65.3575

129.1110,
-35.0577, 44.6297

137.0330,
-30.0893, 37.6821

144.3680,
-24.8314, 31.2493

151.7030,
-19.5736, 24.8165

■ 159.0380,
-14.3157, 18.3837

■ 166.9600, -9.3473,
11.4361

■ 174.2950, -4.0894,
5.0033

■ 181.6300, 1.1684,
-1.4295

Harmonies

Analogous

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



114.2460, -22.7993, 79.5913



114.4410, -45.5734, 57.4952



111.7130, -55.0745, 24.8077

Triad

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



114.4410, -45.5734, 57.4952



97.9630, 12.3432, -85.9136



121.6080, 41.6053, 2.0978

Complementary

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



114.4410, -45.5734, 57.4952



87.5590, 45.5734, -57.4952

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.



98.6830, 60.7953, -86.5450



114.4410, -45.5734, 57.4952



103.0760, 34.4725, -90.3977

Square

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



114.4410, -45.5734, 57.4952



90.1600, -9.9389, -79.0703



104.3590, 52.0810, -91.5228



121.1280, 23.1079, 55.1387

Rectangle

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



114.4410, -45.5734, 57.4952



107.1290, -52.8146, -0.1131



104.3590, 52.0810, -91.5228



117.7620, 47.9383, -22.5933

Sweetspot

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



114.4410, -45.5734, 57.4952



209.2620, -17.3842, 22.5722



78.5900, 12.5271, 88.9366



102.3300, -10.5157, 12.8656



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



114.4410, -45.5734, 57.4952



137.1830, -67.6312, 85.7855



160.2270, -68.1459, 17.3409



85.6260, -2.7736, 2.9590



89.7720, -44.2576, 55.4510



14.8180, -7.3053, 9.8066

Inverse Universe

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



87.5590, 45.5734, -57.4952



97.2300, 67.9206, -85.2707



41.7730, 68.1459, -17.3409



83.9610, 2.4842, -3.4738



63.2280, 44.2576, -55.4510



10.5950, 7.5947, -9.2918

Previews

White Background



This preview shows how the YUV color 114.4410, -45.5734, 57.4952 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 114.4410, -45.5734, 57.4952 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 114.4410, -45.5734, 57.4952

Background



This preview shows how black text looks on a background with the YUV color 114.4410, -45.5734, 57.4952.



This preview shows how white text looks on a background with the YUV color 114.4410, -45.5734,

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

114.4410, -45.5734, 57.4952

Protanopia

114.5840, -42.6859, 17.9048

Deuteranopia

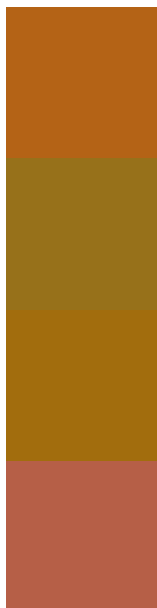
113.2780, -51.9021, 33.9592



Tritanopia

120.0070, -10.3565, 55.2449

Trichromacy



Original Color

114.4410, -45.5734, 57.4952

Protanomaly

114.4440, -43.6029, 32.0596

Deuteranomaly

113.9030, -49.7452, 42.1811

Tritanomaly

118.2770, -23.3076, 55.8851

Monochromacy



Original Color

114.4410, -45.5734, 57.4952

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.4790, -16.5051, 20.6279

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.4410, -45.5734, 57.4952 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(180, 99, 22)` looks like.

```
.text, #text, p{  
    color:rgb(180, 99, 22)  
}
```

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(180, 99, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 99, 22) }
```

Border

The CSS property to change the border of an element to YUV 114.4410, -45.5734, 57.4952 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(180, 99, 22) }
```


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

```
.border{ border-color:rgb(180, 99, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 99, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 99, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 99, 22);  
box-shadow:4px 4px 4px 4px rgb(180, 99,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 114.4410, -45.5734, 57.4952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 99, 22) }
```

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

```
.background{ background-color: rgb(180, 99,  
22) }
```

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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