

Converting Colors

YUV(116.5270, 27.3482,
-45.1892)

Have a look what the booklet for
YUV(116.5270, 27.3482, -45.1892)
contains.

YUV(116.5270, 27.3482, -45.1892)	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(116.5270, 27.3482,
-45.1892)**

Conversions

Conversions Part 1

Format	Color
Hex	4184AC
RGB	65, 132, 172
RGB Percent	25%, 52%, 67%
CMY	0.7451, 0.4824, 0.3255
CMYK	0.62, 0.23, 0.00, 0.33
HSL	202°, 45%, 46%
HSV	202°, 62%, 67%
XYZ	17.8776, 20.6049, 42.0646
YIQ	116.5270, -52.7720, -1.7640

Conversions

Conversions Part 2

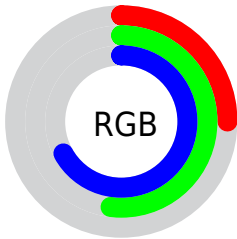
Format	Color
R_{YB}	65, 106, 172
Decimal	4293804
CIE _{Lab}	52.51, -8.84, -27.53
CIE _{LCh}	53, 28.919, 252.199
Yxy	20.6049, 0.2220, 0.2558
Android (android.graphics.Color)	4282483884 (0xFF4184AC)
YUV	116.5270, 27.3482, -45.1892
Hunter-Lab	45.3926, -9.1359, -23.1683

Details

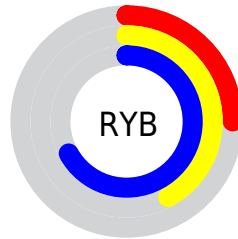
The YUV color **116.5270, 27.3482, -45.1892** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **120.4730, -27.3482, 45.1892**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.0650, 28.0690, -43.0300**, and **62.4010, 28.3963, -54.7257** is the 20% darker color. If you saturate the color by 10%, you get **107.9220, 31.5905, -52.5516**, and if you desaturate by 10%, it is **125.1320, 23.1059, -37.8268**.

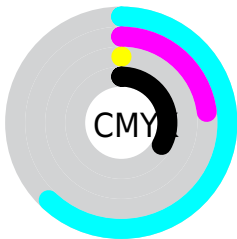
Distribution



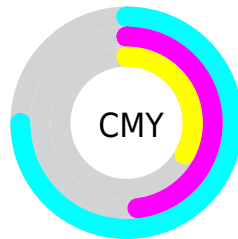
- Red (25%)
- Green (52%)
- Blue (67%)



- Red (25%)
- Yellow (42%)
- Blue (67%)



- Cyan (62%)
- Magenta (23%)
- Yellow (0%)
- Black (33%)



- Cyan (75%)
- Magenta (48%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.5270, 27.3482, -45.1892 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 116.5270, 27.3482, -45.1892 by changing the saturation by 10% instead.

■ 116.5270, 27.3482,
-45.1892

■ 116.5270, 27.3482,
-45.1892

■ 255.0000, 0.0000,
0.0000

■ 88.9070, 27.6538,
-49.9074

■ 171.0650, 28.0690,
-43.0300

■ 62.4010, 28.3963,
-54.7257

■ 199.2500, 27.4847,
-42.3152

■ 46.0500, 24.1324,
-40.3858

■ 224.0580, 15.2544,
-39.5159

■ 30.4000, 20.0158,
-26.6608

■ 240.9470, 6.9281,
-28.8945

■ 16.0380, 15.7573,
-14.0653

■ 249.9170, 2.5059,
-10.4512

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 116.5270, 27.3482,
-45.1892

■ 116.5270, 27.3482,
-45.1892

■ 107.9220, 31.5905,
-52.5516

■ 125.1320, 23.1059,
-37.8268

■ 98.7300, 36.1221,
-59.3992

■ 134.3240, 18.5743,
-30.9791

■ 89.8260, 40.5118,
-67.3764

■ 143.2280, 14.1846,
-23.0020

■ 83.0040, 43.8750,
-72.7945

■ 152.4200, 9.6529,
-16.1543

■ 161.0250, 5.4107,
-8.7919

■ 170.2170, 0.8790,
-1.9443

■ 178.8220, -3.3632,
5.4181

■ 187.7260, -7.7529,
13.3953

■ 196.9180,
-12.2846, 20.2429

Harmonies

Analogous

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



107.4010, 24.9453, -67.8807



116.5270, 27.3482, -45.1892



124.3180, 24.4932, -16.0649

Triad

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



116.5270, 27.3482, -45.1892



127.4720, -5.6557, 40.8051



119.7860, -15.6705, -13.8443

Complementary

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



116.5270, 27.3482, -45.1892



120.4730, -27.3482, 45.1892

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.



122.6810, -23.0137, 8.1728



116.5270, 27.3482, -45.1892



126.5890, -16.5594, 38.0714

Square

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



116.5270, 27.3482, -45.1892



128.5060, 6.1595, 31.1282



125.0900, -23.2154, 26.2311



115.5580, -3.2331, -36.4464

Rectangle

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



116.5270, 27.3482, -45.1892



127.4730, 19.4868, 3.0932



125.0900, -23.2154, 26.2311



121.0320, -18.7498, -6.1671

Sweetspot

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



116.5270, 27.3482, -45.1892



202.0500, 10.8214, -17.5838



132.2550, -13.9297, -58.9826



98.9430, 6.4371, -11.3510



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



116.5270, 27.3482, -45.1892



136.7870, 42.9960, -70.8502



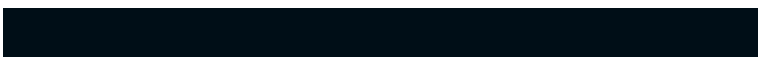
85.4160, 42.6859, -17.9048



81.9610, 2.4842, -3.4738



72.2780, 38.3169, -63.3878



10.8400, 5.9949, -9.5067

Inverse Universe

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



104.6310, 13.4929, 59.0826



118.2020, 21.0994, 92.7848



151.5840, -42.6859, 17.9048



81.2610, 0.8573, 5.0331



55.5660, 18.9480, 82.8186



8.4730, 2.7248, 12.7402

Previews

White Background



This preview shows how the YUV color 116.5270, 27.3482, -45.1892 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 116.5270, 27.3482, -45.1892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

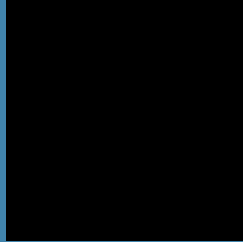
Any Text WCAG AA ✓ Pass

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 116.5270, 27.3482, -45.1892 Background



This preview shows how black text looks on a background with the YUV color 116.5270, 27.3482, -45.1892.

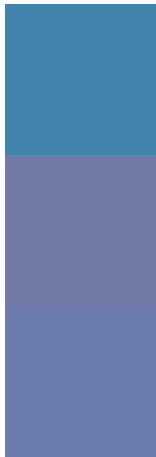


This preview shows how white text looks on a background with the YUV color 116.5270, 27.3482, -45.1892.

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

116.5270, 27.3482, -45.1892

Protanopia

124.7980, 19.8196, -10.3468

Deuteranopia

124.3290, 24.4878, -14.3205



Tritanopia

112.5510, 17.4764, -52.2262

Trichromacy



Original Color

116.5270, 27.3482, -45.1892

Protanomaly

121.8180, 22.7677, -22.6424

Deuteranomaly

121.1920, 25.5413, -25.6014

Tritanomaly

114.1860, 21.1073, -50.1521

Monochromacy



Original Color

116.5270, 27.3482, -45.1892

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.5340, 10.0897, -16.2543

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.5270, 27.3482, -45.1892 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(65, 132, 172)` looks like.

```
.text, #text, p{  
    color:rgb(65, 132, 172)  
}
```

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(65, 132, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 132, 172) }
```

Border

The CSS property to change the border of an element to YUV 116.5270, 27.3482, -45.1892 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(65, 132, 172) }
```


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

```
.border{ border-color:rgb(65, 132, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 132, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 132, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 132, 172);  
box-shadow:4px 4px 4px 4px rgb(65, 132,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 116.5270, 27.3482, -45.1892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 132, 172) }
```

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

```
.background{ background-color: rgb(65, 132,  
172) }
```

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