

Converting Colors

YUV(142.5270, 27.3482,
-45.1892)

Have a look what the booklet for
YUV(142.5270, 27.3482, -45.1892)
contains.

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Color

**YUV(142.5270, 27.3482,
-45.1892)**

Conversions

Conversions Part 1

Format	Color
Hex	5B9EC6
RGB	91, 158, 198
RGB Percent	36%, 62%, 78%
CMY	0.6431, 0.3804, 0.2235
CMYK	0.54, 0.20, 0.00, 0.22
HSL	202°, 48%, 57%
HSV	202°, 54%, 78%
XYZ	26.7343, 30.7551, 57.9534
YIQ	142.5270, -52.7720, -1.7640

Conversions

Conversions Part 2

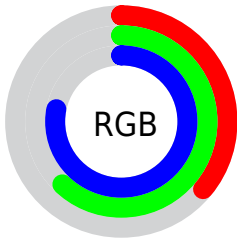
Format	Color
R _Y B	91, 132, 198
Decimal	6004422
CIE Lab	62.30, -9.90, -27.08
CIE LCh	62, 28.834, 249.921
Yxy	30.7551, 0.2316, 0.2664
Android (android.graphics.Color)	4284194502 (0xFF5B9EC6)
YUV	142.5270, 27.3482, -45.1892
Hunter-Lab	55.4573, -11.0007, -23.1385

Details

The YUV color **142.5270, 27.3482, -45.1892** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **146.4730, -27.3482, 45.1892**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.3530, 27.9270, -44.1596**, and **86.9990, 28.1015, -53.4961** is the 20% darker color. If you saturate the color by 10%, you get **132.4380, 32.3221, -53.8811**, and if you desaturate by 10%, it is **152.6160, 22.3743, -36.4972**.

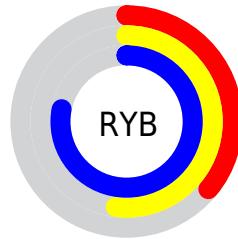
Distribution



Red (36%)

Green (62%)

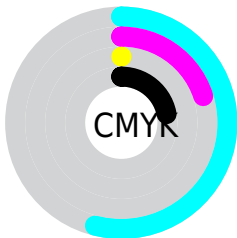
Blue (78%)



Red (36%)

Yellow (52%)

Blue (78%)

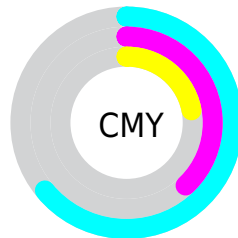


Cyan (54%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (64%)

Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.5270, 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 142.5270, 27.3482, -45.1892 by changing the saturation by 10% instead.

■ 142.5270, 27.3482,
-45.1892

■ 142.5270, 27.3482,
-45.1892

■ 255.0000, 0.0000,
0.0000

■ 115.5160, 27.3536,
-46.9335

■ 198.3530, 27.9270,
-44.1596

■ 86.9990, 28.1015,
-53.4961

■ 223.1610, 15.6966,
-41.3602

■ 62.1730, 27.5227,
-54.5257

■ 240.0500, 7.3704,
-30.7388

■ 45.8220, 23.2588,
-40.1859

■ 249.0200, 2.9481,
-12.2955

■ 30.2860, 19.5790,
-26.5608

■ 15.9240, 15.3205,
-13.9653

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 142.5270, 27.3482,
-45.1892

■ 142.5270, 27.3482,
-45.1892

■ 132.4380, 32.3221,
-53.8811

■ 152.6160, 22.3743,
-36.4972

■ 121.7620, 37.5853,
-62.0583

■ 163.2920, 17.1110,
-28.3201

■ 111.9720, 42.4118,
-70.1354

■ 173.0820, 12.2846,
-20.2429

■ 101.2960, 47.6751,
-78.3126

■ 183.7580, 7.0213,
-12.0658

■ 95.3600, 50.6015,
-83.6307

■ 193.8470, 2.0474,
-3.3738

■ 203.9360, -2.9264,
5.3181

■ 214.6120, -8.1897,
13.4953

■ 224.4020,
-13.0162, 21.5724

■ 230.8920,
-16.2158, 21.1427

Harmonies

Analogous

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



136.2770, 23.0344, -61.6329



142.5270, 27.3482, -45.1892



149.5350, 25.3722, -18.0092

Triad

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



142.5270, 27.3482, -45.1892



153.2980, -5.0769, 41.8347



145.4550, -16.9863, -11.8000

Complementary

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



142.5270, 27.3482, -45.1892



146.4730, -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.



148.4640, -23.8928, 10.1171



142.5270, 27.3482, -45.1892



152.0130, -16.2754, 40.3306

Square

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



142.5270, 27.3482, -45.1892



154.7340, 7.0331, 30.9283



150.4000, -23.3682, 28.5902



140.9280, -4.4015, -35.0169

Rectangle

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



142.5270, 27.3482, -45.1892



152.8040, 20.8026, 1.0489



150.4000, -23.3682, 28.5902



146.4020, -19.9182, -4.7376

Sweetspot

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



142.5270, 27.3482, -45.1892



233.9360, 10.3846, -17.4839



158.2550, -13.9297, -58.9826



114.6550, 6.5791, -10.2214



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



142.5270, 27.3482, -45.1892



168.9720, 42.4118, -70.1354



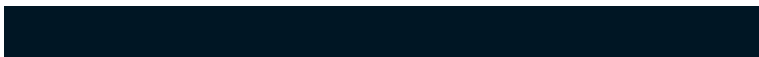
111.4160, 42.6859, -17.9048



94.5480, 2.1948, -3.9886



78.4560, 41.6802, -68.8059



17.0180, 9.3581, -14.9248

Inverse Universe

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



130.6310, 13.4929, 59.0826



150.4900, 20.9574, 91.6553



177.5840, -42.6859, 17.9048



93.3750, 1.2941, 4.9331



60.3650, 20.5261, 90.0109



13.2720, 4.3029, 19.9325

Previews

White Background



This preview shows how the YUV color 142.5270, 27.3482, -45.1892 looks on a white background.

Color Contrast Check

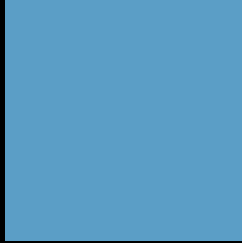
Large Text (above 18pt) WCAG AA × Fail

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 142.5270, 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 ✓ Pass

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

YUV 142.5270, 27.3482, -45.1892 Background



This preview shows how black text looks on a background with the YUV color 142.5270, 27.3482, -45.1892.



This preview shows how white text looks on a background with the YUV color 142.5270, 27.3482, -45.1892.

-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

142.5270, 27.3482, -45.1892

Protanopia

150.2110, 20.1090, -9.8320

Deuteranopia

150.3400, 24.4824, -12.5762



Tritanopia

139.8610, 17.3235, -49.8671

Trichromacy



Original Color

142.5270, 27.3482, -45.1892

Protanomaly

147.8180, 22.7677, -22.6424

Deuteranomaly

147.7900, 25.2465, -24.3718

Tritanomaly

141.0830, 20.6651, -48.3078

Monochromacy



Original Color

142.5270, 27.3482, -45.1892

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.5340, 10.0897, -16.2543

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.5270, 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(91, 158, 198)` looks like.

```
.text, #text, p{  
    color:rgb(91, 158, 198)  
}
```

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(91, 158, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 158, 198) }
```

Border

The CSS property to change the border of an element to YUV 142.5270, 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(91, 158, 198) }
```


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

```
.border{ border-color:rgb(91, 158, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 158, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 158, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 158, 198);  
box-shadow:4px 4px 4px 4px rgb(91, 158,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 142.5270, 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(91, 158, 198) }
```

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

```
.background{ background-color: rgb(91, 158,  
198) }
```

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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