

Converting Colors

YUV(112.6070, 29.2807,
-58.4143)

Have a look what the booklet for
YUV(112.6070, 29.2807, -58.4143)
contains.

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Color

**YUV(112.6070, 29.2807,
-58.4143)**

Conversions

Conversions Part 1

Format	Color
Hex	2E87AC
RGB	46, 135, 172
RGB Percent	18%, 53%, 67%
CMY	0.8196, 0.4706, 0.3255
CMYK	0.73, 0.22, 0.00, 0.33
HSL	198°, 58%, 43%
HSV	198°, 73%, 67%
XYZ	17.2371, 20.8873, 42.1529
YIQ	112.6070, -64.9210, -7.3610

Conversions

Conversions Part 2

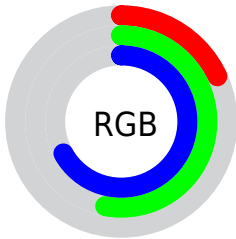
Format	Color
R_{YB}	46, 98, 172
Decimal	3049388
CIE _{Lab}	52.83, -13.65, -27.10
CIE _{LCh}	53, 30.342, 243.270
Yxy	20.8873, 0.2147, 0.2602
Android (android.graphics.Color)	4281239468 (0xFF2E87AC)
YUV	112.6070, 29.2807, -58.4143
Hunter-Lab	45.7027, -12.6572, -22.6930

Details

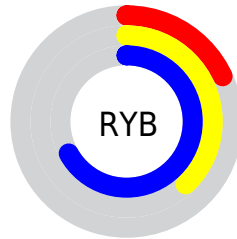
The YUV color **112.6070, 29.2807, -58.4143** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **105.3930, -29.2807, 58.4143**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.9390, 29.1171, -52.5665**, and **63.5750, 27.8175, -55.7553** is the 20% darker color. If you saturate the color by 10%, you get **104.5890, 33.2336, -66.2916**, and if you desaturate by 10%, it is **120.6250, 25.3279, -50.5371**.

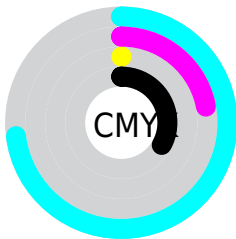
Distribution



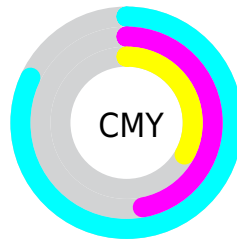
- Red (18%)
- Green (53%)
- Blue (67%)



- Red (18%)
- Yellow (38%)
- Blue (67%)



- Cyan (73%)
- Magenta (22%)
- Yellow (0%)
- Black (33%)



- Cyan (82%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.6070, 29.2807, -58.4143 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 112.6070, 29.2807, -58.4143 by changing the saturation by 10% instead.

■ 112.6070, 29.2807,
-58.4143

■ 112.6070, 29.2807,
-58.4143

■ 255.0000, 0.0000,
0.0000

■ 81.1000, 31.5027,
-71.1247

■ 168.9390, 29.1171,
-52.5665

■ 63.5750, 27.8175,
-55.7553

■ 197.1240, 28.5329,
-51.8517

■ 47.2240, 23.5536,
-41.4154

■ 222.2310, 16.1551,
-48.4376

■ 31.5740, 19.4370,
-27.6904

■ 237.3590, 8.6970,
-36.2718

■ 17.2120, 15.1785,
-15.0949

■ 246.3290, 4.2748,
-17.8285

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 112.6070, 29.2807,
-58.4143

■ 112.6070, 29.2807,
-58.4143

■ 104.5890, 33.2336,
-66.2916

■ 120.6250, 25.3279,
-50.5371

■ 96.5710, 37.1865,
-74.1688

■ 128.6430, 21.3750,
-42.6599

■ 90.6350, 40.1129,
-79.4869

■ 136.9600, 17.2747,
-34.1679

■ 144.9780, 13.3218,
-26.2907

■ 152.9960, 9.3690,
-18.4135

■ 161.0140, 5.4161,
-10.5363

■ 169.0320, 1.4632,
-2.6591

■ 177.3490, -2.6371,
5.8329

■ 185.3670, -6.5899,
13.7101

Harmonies

Analogous

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



101.8400, 25.7149, -81.4207



112.6070, 29.2807, -58.4143



123.2350, 26.9991, -26.5161

Triad

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



112.6070, 29.2807, -58.4143



128.9820, -2.4561, 41.2348



121.2060, -19.3286, -7.1967

Complementary

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



112.6070, 29.2807, -58.4143



105.3930, -29.2807, 58.4143

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.



123.5570, -24.9246, 14.4205



112.6070, 29.2807, -58.4143



127.5940, -14.0968, 41.5751

Square

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



112.6070, 29.2807, -58.4143



129.8090, 9.9542, 27.3545



125.6500, -22.5055, 31.8789



116.8530, -7.3225, -31.4431

Rectangle

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



112.6070, 29.2807, -58.4143



127.6290, 22.8609, -5.8136



125.6500, -22.5055, 31.8789



122.4520, -22.4078, 0.4806

Sweetspot

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



112.6070, 29.2807, -58.4143



201.1310, 11.2744, -22.9169



124.0660, -20.7385, -68.4639



98.6330, 6.5899, -13.7101



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.



112.6070, 29.2807, -58.4143



131.0510, 45.8239, -91.2527



76.2130, 47.2230, -26.4968



82.5480, 2.1948, -3.9886



79.3220, 34.8443, -69.5654



12.0140, 5.4161, -10.5363

Inverse Universe

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



93.8200, 20.3017, 68.5639



101.7490, 31.6757, 107.2141



141.7870, -47.2230, 26.4968



81.3750, 1.2941, 4.9331



56.9340, 24.1895, 81.6189



8.7010, 3.5984, 12.5402

Previews

White Background



This preview shows how the YUV color 112.6070, 29.2807, -58.4143 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 112.6070, 29.2807, -58.4143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

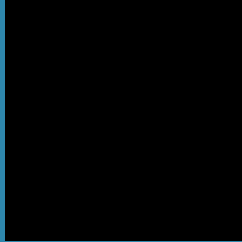
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.6070, 29.2807, -58.4143

Background



This preview shows how black text looks on a background with the YUV color 112.6070, 29.2807, -58.4143.

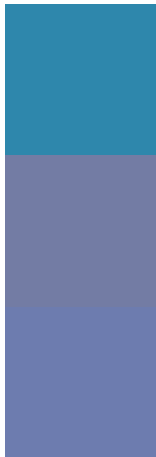


This preview shows how white text looks on a background with the YUV color 112.6070, 29.2807, -58.4143.

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

112.6070, 29.2807, -58.4143

Protanopia

125.8690, 18.7986, -9.5321

Deuteranopia

125.3290, 24.4878, -14.3205



Tritanopia

106.7660, 21.3144, -69.9548

Trichromacy



Original Color

112.6070, 29.2807, -58.4143

Protanomaly

121.0840, 22.6366, -27.2607

Deuteranomaly

120.6860, 26.2838, -30.4196

Tritanomaly

109.1840, 24.0663, -65.9364

Monochromacy



Original Color

112.6070, 29.2807, -58.4143

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.9140, 10.3954, -20.9726

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.6070, 29.2807, -58.4143 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(46, 135, 172)` looks like.

```
.text, #text, p{  
    color:rgb(46, 135, 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(46, 135, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 135, 172) }
```

Border

The CSS property to change the border of an element to YUV 112.6070, 29.2807, -58.4143 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(46, 135, 172) }
```


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

```
.border{ border-color:rgb(46, 135, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 135, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 135, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 135, 172);  
box-shadow:4px 4px 4px 4px rgb(46, 135,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 112.6070, 29.2807, -58.4143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 135, 172) }
```

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

```
.background{ background-color: rgb(46, 135,  
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](#).

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