

Converting Colors

YUV(140.1510, 27.5336,
-58.0144)

Have a look what the booklet for
YUV(140.1510, 27.5336, -58.0144)
contains.

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Color

**YUV(140.1510, 27.5336,
-58.0144)**

Conversions

Conversions Part 1

Format	Color
Hex	4AA3C4
RGB	74, 163, 196
RGB Percent	29%, 64%, 77%
CMY	0.7098, 0.3608, 0.2314
CMYK	0.62, 0.17, 0.00, 0.23
HSL	196°, 51%, 53%
HSV	196°, 62%, 77%
XYZ	25.8850, 31.6358, 56.9666
YIQ	140.1510, -63.6370, -8.6050

Conversions

Conversions Part 2

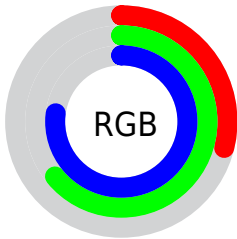
Format	Color
R_{YB}	74, 125, 196
Decimal	4891588
CIE _{Lab}	63.04, -16.60, -24.88
CIE _{LCh}	63, 29.908, 236.294
Yxy	31.6358, 0.2261, 0.2763
Android (android.graphics.Color)	4283081668 (0xFF4AA3C4)
YUV	140.1510, 27.5336, -58.0144
Hunter-Lab	56.2457, -16.2817, -20.6780

Details

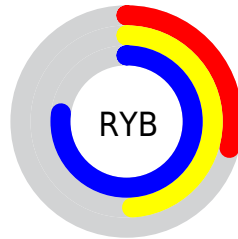
The YUV color **140.1510, 27.5336, -58.0144** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **129.8490, -27.5336, 58.0144**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.8740, 27.6701, -55.1405**, and **81.3450, 29.9029, -71.3396** is the 20% darker color. If you saturate the color by 10%, you get **131.2360, 31.9287, -67.7360**, and if you desaturate by 10%, it is **149.0660, 23.1385, -48.2929**.

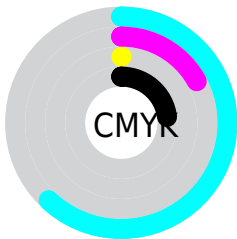
Distribution



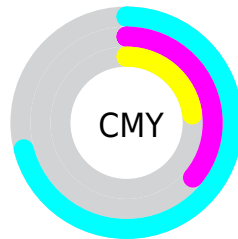
- Red (29%)
- Green (64%)
- Blue (77%)



- Red (29%)
- Yellow (49%)
- Blue (77%)



- Cyan (62%)
- Magenta (17%)
- Yellow (0%)
- Black (23%)



- Cyan (71%)
- Magenta (36%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.1510, 27.5336, -58.0144 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 140.1510, 27.5336, -58.0144 by changing the saturation by 10% instead.

■ 140.1510, 27.5336,
-58.0144

■ 140.1510, 27.5336,
-58.0144

■ 255.0000, 0.0000,
0.0000

■ 111.3460, 28.4234,
-63.4474

■ 196.8740, 27.6701,
-55.1405

■ 81.3450, 29.9029,
-71.3396

■ 222.2090, 16.1660,
-51.9263

■ 64.2930, 25.4916,
-56.3850

■ 236.1630, 9.2866,
-38.7310

■ 47.4690, 21.9538,
-41.6303

■ 245.1330, 4.8644,
-20.2876

■ 31.8190, 17.8372,
-27.9053

■ 254.1030, 0.4422,
-1.8443

■ 17.5710, 14.0155,
-15.4098

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 140.1510, 27.5336,
-58.0144

■ 140.1510, 27.5336,
-58.0144

■ 131.2360, 31.9287,
-67.7360

■ 149.0660, 23.1385,
-48.2929

■ 122.0330, 36.4657,
-76.3279

■ 158.2690, 18.6014,
-39.7009

■ 113.1180, 40.8608,
-86.0495

■ 167.1840, 14.2063,
-29.9794

■ 106.2850, 44.2295,
-93.2119

■ 175.8000, 9.9586,
-20.8726

■ 185.3020, 5.2741,
-11.6659

■ 194.2170, 0.8790,
-1.9443

■ 202.8330, -3.3687,
7.1625

■ 211.7480, -7.7638,
16.8840

■ 220.9510,
-12.3008, 25.4760

Harmonies

Analogous

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



136.5170, 18.9721, -65.3514



140.1510, 27.5336, -58.0144



148.4300, 27.8890, -31.9491

Triad

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



140.1510, 27.5336, -58.0144



156.3670, 0.3121, 40.0201



148.5550, -21.9656, -1.3637

Complementary

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



140.1510, 27.5336, -58.0144



129.8490, -27.5336, 58.0144

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.



151.3620, -25.8145, 19.8535



140.1510, 27.5336, -58.0144



154.7730, -12.2131, 44.0491

Square

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



140.1510, 27.5336, -58.0144



156.4710, 12.5858, 23.2659



153.4980, -21.9375, 36.3973



144.8600, -11.2700, -25.3102

Rectangle

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



140.1510, 27.5336, -58.0144



152.7530, 24.7718, -12.0614



153.4980, -21.9375, 36.3973



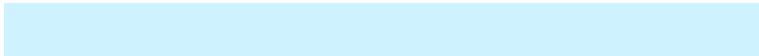
149.7300, -24.0239, 5.4988

Sweetspot

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



140.1510, 27.5336, -58.0144



233.0170, 10.8376, -22.8169



149.3760, -20.8914, -66.1048



114.3340, 6.7373, -14.3249



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.



140.1510, 27.5336, -58.0144



167.3670, 43.2031, -90.6529



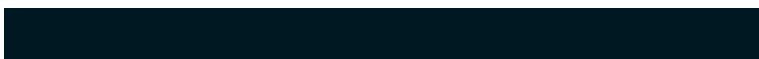
104.3440, 45.1864, -26.6117



92.2490, 2.3422, -4.6034



87.0330, 36.4657, -76.3279



17.8500, 7.4690, -15.6544

Inverse Universe

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



120.6240, 20.8914, 66.1048



136.9550, 32.5602, 103.5255



165.6560, -45.1864, 26.6117



90.7880, 1.5835, 5.4479



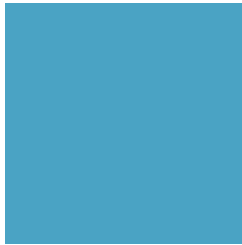
61.4770, 27.3728, 87.2817



12.6030, 5.6187, 17.8882

Previews

White Background



This preview shows how the YUV color 140.1510, 27.5336, -58.0144 looks on a white background.

Color Contrast Check

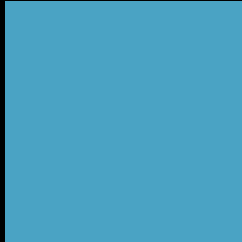
Large Text (above 18pt) WCAG AA × Fail

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 140.1510, 27.5336, -58.0144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

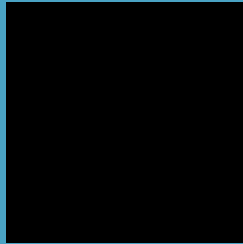
Any Text WCAG AA ✓ Pass

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 140.1510, 27.5336, -58.0144 Background



This preview shows how black text looks on a background with the YUV color 140.1510, 27.5336, -58.0144.

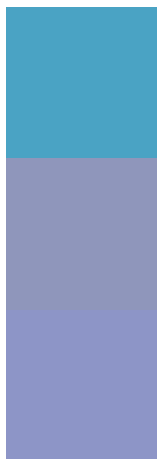


This preview shows how white text looks on a background with the YUV color 140.1510, 27.5336, -58.0144.

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

140.1510, 27.5336, -58.0144

Protanopia

152.1250, 17.1934, -8.0026

Deuteranopia

152.3080, 23.0192, -9.9171



Tritanopia

137.5820, 20.4191, -62.7774

Trichromacy



Original Color

140.1510, 27.5336, -58.0144

Protanomaly

147.9270, 20.7420, -26.2460

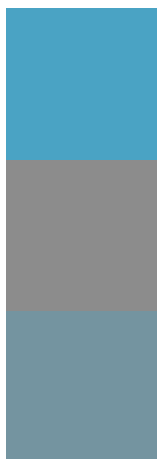
Deuteranomaly

147.9530, 24.6732, -27.1458

Tritanomaly

138.5760, 22.8870, -61.0182

Monochromacy



Original Color

140.1510, 27.5336, -58.0144

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.8000, 9.9586, -20.8726

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.1510, 27.5336, -58.0144 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(74, 163, 196)` looks like.

```
.text, #text, p{  
    color:rgb(74, 163, 196)  
}
```

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(74, 163, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 163, 196) }
```

Border

The CSS property to change the border of an element to YUV 140.1510, 27.5336, -58.0144 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(74, 163, 196) }
```


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

```
.border{ border-color:rgb(74, 163, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 163, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(74, 163, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(74, 163, 196); box-shadow:4px 4px 4px 4px rgb(74, 163, 196) }
```

Background

The CSS property to change the background color of an element to YUV 140.1510, 27.5336, -58.0144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 163, 196) }
```

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

```
.background{ background-color: rgb(74, 163,  
196) }
```

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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