

Converting Colors

YUV(130.0420, 29.5593,
-54.4108)

Have a look what the booklet for
YUV(130.0420, 29.5593, -54.4108)
contains.

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Color

**YUV(130.0420, 29.5593,
-54.4108)**

Conversions

Conversions Part 1

Format	Color
Hex	4496BE
RGB	68, 150, 190
RGB Percent	27%, 59%, 75%
CMY	0.7333, 0.4118, 0.2549
CMYK	0.64, 0.21, 0.00, 0.25
HSL	200°, 48%, 51%
HSV	200°, 64%, 75%
XYZ	22.5845, 26.7593, 52.6899
YIQ	130.0420, -61.7120, -4.9440

Conversions

Conversions Part 2

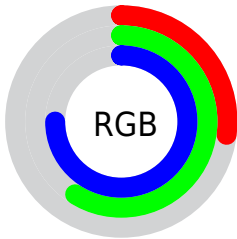
Format	Color
R _Y B	68, 117, 190
Decimal	4495038
CIE Lab	58.75, -12.51, -28.14
CIE LCh	59, 30.795, 246.027
Yxy	26.7593, 0.2213, 0.2623
Android (android.graphics.Color)	4282685118 (0xFF4496BE)
YUV	130.0420, 29.5593, -54.4108
Hunter-Lab	51.7294, -12.5954, -24.1803

Details

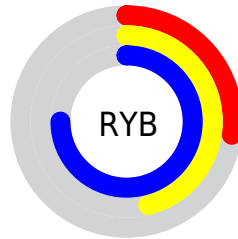
The YUV color **130.0420, 29.5593, -54.4108** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **127.9580, -29.5593, 54.4108**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.0640, 29.5484, -50.9221**, and **73.6170, 30.7548, -64.5621** is the 20% darker color. If you saturate the color by 10%, you get **120.8390, 34.0964, -63.0028**, and if you desaturate by 10%, it is **139.2450, 25.0222, -45.8189**.

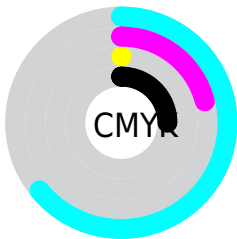
Distribution



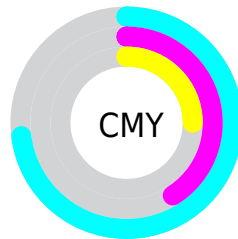
- Red (27%)
- Green (59%)
- Blue (75%)



- Red (27%)
- Yellow (46%)
- Blue (75%)



- Cyan (64%)
- Magenta (21%)
- Yellow (0%)
- Black (25%)



- Cyan (73%)
- Magenta (41%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.0420, 29.5593, -54.4108 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 130.0420, 29.5593, -54.4108 by changing the saturation by 10% instead.

■ 130.0420, 29.5593,
-54.4108

■ 130.0420, 29.5593,
-54.4108

■ 255.0000, 0.0000,
0.0000

■ 100.9380, 30.5966,
-60.4586

■ 186.0640, 29.5484,
-50.9221

■ 73.6170, 30.7548,
-64.5621

■ 212.1970, 21.1019,
-48.4078

■ 56.6790, 26.7803,
-49.7075

■ 234.3690, 10.1711,
-42.4196

■ 40.9150, 22.2269,
-35.8825

■ 243.0400, 5.8963,
-24.5911

■ 25.9660, 18.2578,
-22.7722

■ 252.0100, 1.4741,
-6.1478

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 130.0420, 29.5593,
-54.4108

■ 130.0420, 29.5593,
-54.4108

■ 120.8390, 34.0964,
-63.0028

■ 139.2450, 25.0222,
-45.8189

■ 111.6360, 38.6335,
-71.5948

■ 148.4480, 20.4851,
-37.2269

■ 101.8460, 43.4599,
-79.6719

■ 158.2380, 15.6587,
-29.1497

■ 96.7960, 45.9496,
-84.8901

■ 167.4410, 11.1216,
-20.5578

■ 176.6440, 6.5845,
-11.9658

■ 185.8470, 2.0474,
-3.3738

■ 195.6370, -2.7790,
4.7034

■ 204.8400, -7.3161,
13.2953

■ 214.0430,
-11.8532, 21.8873

Harmonies

Analogous

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



122.2540, 24.5248, -73.0138



130.0420, 29.5593, -54.4108



139.0720, 27.5725, -23.7421

Triad

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



130.0420, 29.5593, -54.4108



144.3520, -3.6245, 42.6643



135.8960, -19.1757, -9.5558

Complementary

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



130.0420, 29.5593, -54.4108



127.9580, -29.5593, 54.4108

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.



138.7310, -25.5034, 13.3909



130.0420, 29.5593, -54.4108



142.8500, -15.7020, 43.1046

Square

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



130.0420, 29.5593, -54.4108



145.3040, 9.2171, 30.4284



141.3080, -23.8158, 32.1789



131.7710, -6.2961, -34.0022

Rectangle

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



130.0420, 29.5593, -54.4108



143.3520, 22.9975, -2.9397



141.3080, -23.8158, 32.1789



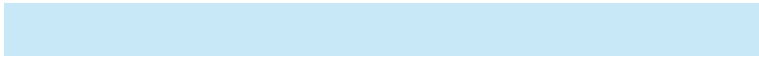
137.1420, -22.2550, -1.8785

Sweetspot

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



130.0420, 29.5593, -54.4108



224.1420, 11.2690, -21.1725



144.0600, -18.2706, -66.7046



111.0460, 6.8793, -13.1953



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



130.0420, 29.5593, -54.4108



153.7960, 45.9496, -84.8901



94.8220, 46.9228, -23.5229



89.5480, 2.1948, -3.9886



80.2340, 38.3386, -70.3652



15.8610, 7.4635, -13.9101

Inverse Universe

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



113.8260, 17.8338, 66.8046



128.4020, 27.9028, 104.0104



163.1780, -46.9228, 23.5229



88.3750, 1.2941, 4.9331



59.3260, 23.0103, 86.5371



11.6630, 4.6031, 16.9585

Previews

White Background



This preview shows how the YUV color 130.0420, 29.5593, -54.4108 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 130.0420, 29.5593, -54.4108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

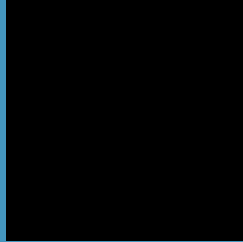
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 130.0420, 29.5593, -54.4108

Background



This preview shows how black text looks on a background with the YUV color 130.0420, 29.5593, -54.4108.

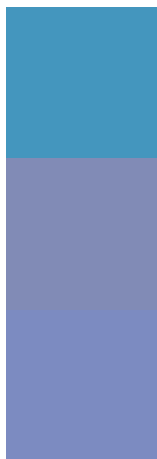


This preview shows how white text looks on a background with the YUV color 130.0420, 29.5593, -54.4108.

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

130.0420, 29.5593, -54.4108

Protanopia

140.9120, 20.2564, -10.4468

Deuteranopia

140.6710, 25.7982, -14.6205



Tritanopia

126.1800, 20.1243, -61.5479

Trichromacy



Original Color

130.0420, 29.5593, -54.4108

Protanomaly

137.0240, 23.6522, -26.3310

Deuteranomaly

136.9250, 27.1520, -28.8752

Tritanomaly

127.7010, 23.3184, -59.3738

Monochromacy



Original Color

130.0420, 29.5593, -54.4108

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.7400, 10.9742, -19.9430

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.0420, 29.5593, -54.4108 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(68, 150, 190)` looks like.

```
.text, #text, p{  
    color:rgb(68, 150, 190)  
}
```

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(68, 150, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 150, 190) }
```

Border

The CSS property to change the border of an element to YUV 130.0420, 29.5593, -54.4108 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(68, 150, 190) }
```


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

```
.border{ border-color:rgb(68, 150, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 150, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 150, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 150, 190);  
box-shadow:4px 4px 4px 4px rgb(68, 150,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 130.0420, 29.5593, -54.4108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 150, 190) }
```

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

```
.background{ background-color: rgb(68, 150,  
190) }
```

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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