

Converting Colors

YUV(162.9110, 28.1449,
-67.4509)

Have a look what the booklet for
YUV(162.9110, 28.1449, -67.4509)
contains.

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Color

**YUV(162.9110, 28.1449,
-67.4509)**

Conversions

Conversions Part 1

Format	Color
Hex	56BFDC
RGB	86, 191, 220
RGB Percent	34%, 75%, 86%
CMY	0.6627, 0.2510, 0.1373
CMYK	0.61, 0.13, 0.00, 0.14
HSL	193°, 66%, 60%
HSV	193°, 61%, 86%
XYZ	35.3868, 44.4073, 74.4165
YIQ	162.9110, -71.8890, -13.2410

Conversions

Conversions Part 2

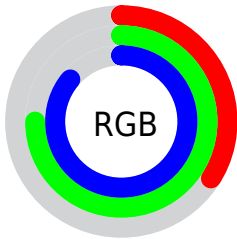
Format	Color
R _Y B	86, 145, 220
Decimal	5685212
CIE Lab	72.50, -21.77, -23.58
CIE LCh	72, 32.094, 227.294
Yxy	44.4073, 0.2295, 0.2880
Android (android.graphics.Color)	4283875292 (0xFF56BFDC)
YUV	162.9110, 28.1449, -67.4509
Hunter-Lab	66.6388, -21.8302, -19.5628

Details

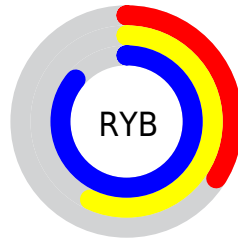
The YUV color **162.9110, 28.1449, -67.4509** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **143.0890, -28.1449, 67.4509**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.5990, 17.9457, -62.7923**, and **99.2290, 32.4251, -87.0238** is the 20% darker color. If you saturate the color by 10%, you get **153.3980, 32.8348, -78.4020**, and if you desaturate by 10%, it is **172.4240, 23.4550, -56.4998**.

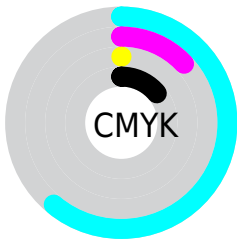
Distribution



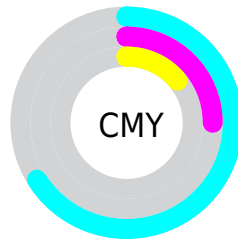
- Red (34%)
- Green (75%)
- Blue (86%)



- Red (34%)
- Yellow (57%)
- Blue (86%)



- Cyan (61%)
- Magenta (13%)
- Yellow (0%)
- Black (14%)



- Cyan (66%)
- Magenta (25%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.9110, 28.1449, -67.4509 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 162.9110, 28.1449, -67.4509 by changing the saturation by 10% instead.

■ 162.9110, 28.1449,
-67.4509

■ 162.9110, 28.1449,
-67.4509

■ 255.0000, 0.0000,
0.0000

■ 133.4050, 28.8873,
-72.2692

■ 218.5990, 17.9457,
-62.7923

■ 99.2290, 32.4251,
-87.0238

■ 231.6780, 11.4977,
-47.9526

■ 81.5900, 28.3031,
-71.5544

■ 240.6480, 7.0755,
-29.5093

■ 63.9510, 24.1812,
-56.0850

■ 249.6180, 2.6533,
-11.0660

■ 47.6000, 19.9172,
-41.7452

■ 31.4770, 16.5268,
-27.6053

■ 15.4680, 13.5733,

-13.5654

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 162.9110, 28.1449,
-67.4509

■ 162.9110, 28.1449,
-67.4509

■ 153.3980, 32.8348,
-78.4020

■ 172.4240, 23.4550,
-56.4998

■ 143.8850, 37.5247,
-89.3531

■ 181.9370, 18.7651,
-45.5487

■ 134.9590, 41.9252,
-100.8190

■ 190.8630, 14.3645,
-34.0829

■ 126.0440, 46.3203,
-110.5406

■ 200.3760, 9.6746,
-23.1318

■ 209.8890, 4.9847,
-12.1807

■ 219.4020, 0.2948,
-1.2296

■ 228.3280, -4.1057,
10.2363

■ 235.7480, -7.7638,
16.8840

■ 238.6830, -9.2107,
14.3100

Harmonies

Analogous

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



161.7080, 15.9200, -66.3959



162.9110, 28.1449, -67.4509



170.5640, 31.2739, -44.3446

Triad

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



162.9110, 28.1449, -67.4509



182.2190, 4.8220, 40.1499



174.1600, -26.2079, 5.9987

Complementary

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



162.9110, 28.1449, -67.4509



143.0890, -28.1449, 67.4509

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.



177.5480, -27.8782, 28.4604



162.9110, 28.1449, -67.4509



180.9030, -9.3192, 49.1971

Square

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



162.9110, 28.1449, -67.4509



181.8170, 17.8382, 18.5775



179.0690, -21.2330, 43.7895



170.8130, -16.6698, -20.0070

Rectangle

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



162.9110, 28.1449, -67.4509



176.2400, 29.4617, -23.0125



179.0690, -21.2330, 43.7895



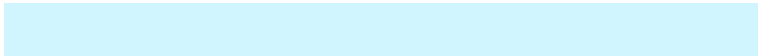
175.1610, -27.6874, 13.8908

Sweetspot

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



162.9110, 28.1449, -67.4509



235.3760, 9.6746, -23.1318



167.7360, -26.9848, -71.6825



115.2200, 6.3005, -14.2249



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.



162.9110, 28.1449, -67.4509



175.9060, 38.9933, -93.7566



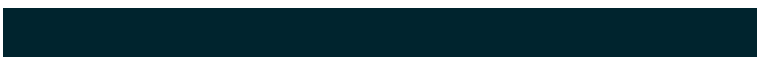
124.7560, 46.9553, -33.9890



104.9500, 2.4896, -5.2182



99.5540, 36.2089, -87.3089



26.3760, 9.6746, -23.1318

Inverse Universe

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



138.0360, 26.1113, 71.8824



141.2580, 36.3548, 99.7517



181.2440, -46.9553, 33.9890



103.2010, 1.8729, 5.9627



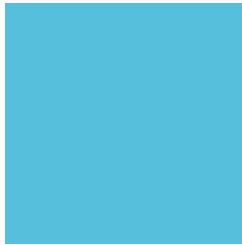
67.2310, 33.9031, 92.7594



17.8580, 8.9440, 24.6805

Previews

White Background



This preview shows how the YUV color 162.9110, 28.1449, -67.4509 looks on a white background.

Color Contrast Check

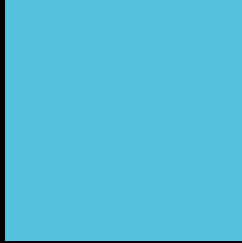
Large Text (above 18pt) WCAG AA × Fail

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 162.9110, 28.1449, -67.4509 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 162.9110, 28.1449, -67.4509 Background



This preview shows how black text looks on a background with the YUV color 162.9110, 28.1449, -67.4509.



This preview shows how white text looks on a background with the YUV color 162.9110, 28.1449, -67.4509.

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

162.9110, 28.1449, -67.4509

Protanopia

177.3810, 15.5882, -6.4731

Deuteranopia

177.6180, 22.8663, -7.5580



Tritanopia

161.3360, 23.4984, -70.4547

Trichromacy



Original Color

162.9110, 28.1449, -67.4509

Protanomaly

172.0900, 20.1686, -29.0199

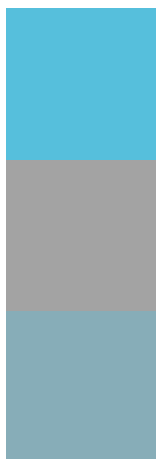
Deuteranomaly

172.6430, 24.8260, -29.5049

Tritanomaly

161.8030, 25.2401, -69.1102

Monochromacy



Original Color

162.9110, 28.1449, -67.4509

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.8920, 10.4062, -24.4613

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.9110, 28.1449, -67.4509 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(86, 191, 220)` looks like.

```
.text, #text, p{  
    color:rgb(86, 191, 220)  
}
```

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(86, 191, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 191, 220) }
```

Border

The CSS property to change the border of an element to YUV 162.9110, 28.1449, -67.4509 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(86, 191, 220) }
```


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

```
.border{ border-color:rgb(86, 191, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 191, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 191, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 191, 220);  
box-shadow:4px 4px 4px 4px rgb(86, 191,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 162.9110, 28.1449, -67.4509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 191, 220) }
```

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

```
.background{ background-color: rgb(86, 191,  
220) }
```

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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