

Converting Colors

YUV(150.0290, 35.9747,
-58.7844)

Have a look what the booklet for
YUV(150.0290, 35.9747, -58.7844)
contains.

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Color

**YUV(150.0290, 35.9747,
-58.7844)**

Conversions

Conversions Part 1

Format	Color
Hex	53AADF
RGB	83, 170, 223
RGB Percent	33%, 67%, 87%
CMY	0.6745, 0.3333, 0.1255
CMYK	0.63, 0.24, 0.00, 0.13
HSL	203°, 69%, 60%
HSV	203°, 63%, 87%
XYZ	31.2613, 35.9162, 75.0969
YIQ	150.0290, -68.8650, -1.9610

Conversions

Conversions Part 2

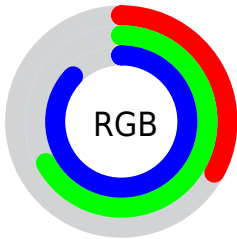
Format	Color
R_{YB}	83, 137, 223
Decimal	5483231
CIE _{Lab}	66.46, -10.27, -34.54
CIE _{LCh}	66, 36.036, 253.434
Yxy	35.9162, 0.2197, 0.2524
Android (android.graphics.Color)	4283673311 (0xFF53AADF)
YUV	150.0290, 35.9747, -58.7844
Hunter-Lab	59.9301, -11.7669, -32.3438

Details

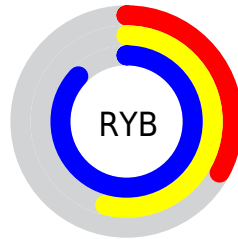
The YUV color **150.0290, 35.9747, -58.7844** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **155.9710, -35.9747, 58.7844**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.2010, 25.0439, -52.7963**, and **88.4180, 39.2339, -77.5426** is the 20% darker color. If you saturate the color by 10%, you get **138.7550, 41.5328, -68.1911**, and if you desaturate by 10%, it is **161.3030, 30.4166, -49.3777**.

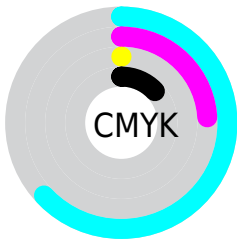
Distribution



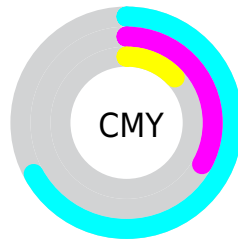
- Red (33%)
- Green (67%)
- Blue (87%)



- Red (33%)
- Yellow (54%)
- Blue (87%)



- Cyan (63%)
- Magenta (24%)
- Yellow (0%)
- Black (13%)



- Cyan (67%)
- Magenta (33%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.0290, 35.9747, -58.7844 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 150.0290, 35.9747, -58.7844 by changing the saturation by 10% instead.

■ 150.0290, 35.9747,
-58.7844

■ 150.0290, 35.9747,
-58.7844

255.0000, 0.0000,
0.0000

■ 121.1100, 36.4278,
-64.1175

■ 204.2010, 25.0439,
-52.7963

■ 88.4180, 39.2339,
-77.5426

■ 230.1940, 12.2294,
-49.2821

■ 70.6650, 34.6752,
-61.9732

■ 239.7510, 7.5178,
-31.3536

■ 54.2000, 29.9744,
-47.5334

■ 248.7210, 3.0955,
-12.9103

■ 38.4360, 25.4211,
-33.7084

■ 24.0740, 21.1625,
-21.1129

■ 6.7770, 18.3509,

-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 150.0290, 35.9747,
-58.7844

■ 150.0290, 35.9747,
-58.7844

■ 138.7550, 41.5328,
-68.1911

■ 161.3030, 30.4166,
-49.3777

■ 126.5950, 47.5277,
-77.6978

■ 173.4630, 24.4217,
-39.8711

■ 115.3210, 53.0857,
-87.1045

■ 184.7370, 18.8637,
-30.4643

■ 107.0150, 57.1806,
-93.8522

■ 196.5980, 13.0162,
-21.5724

■ 208.1710, 7.3107,
-11.5510

■ 220.0320, 1.4632,
-2.6591

■ 231.3060, -4.0949,
6.7476

■ 241.3730, -9.0579,
11.9509

■ 246.0690,
-11.3730, 7.8325

Harmonies

Analogous

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



135.6410, 34.1940, -94.4012



150.0290, 35.9747, -58.7844



161.0170, 31.0506, -19.3089

Triad

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



150.0290, 35.9747, -58.7844



164.5660, -8.1670, 53.0006



153.9010, -20.1642, -19.2072

Complementary

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



150.0290, 35.9747, -58.7844



155.9710, -35.9747, 58.7844

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.



157.9710, -29.5657, 9.6724



150.0290, 35.9747, -58.7844



162.9880, -21.6861, 49.1225

Square

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



150.0290, 35.9747, -58.7844



165.9140, 7.4374, 41.2944



160.7120, -29.9310, 33.5786



148.1820, -3.0477, -49.2716

Rectangle

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



150.0290, 35.9747, -58.7844



164.6780, 25.3017, 4.6674



160.7120, -29.9310, 33.5786



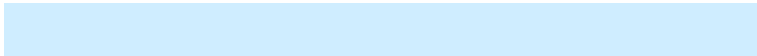
155.2290, -24.2699, -8.9708

Sweetspot

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



150.0290, 35.9747, -58.7844



230.0820, 12.2846, -20.2429



170.9940, -18.2380, -77.1707



111.9860, 7.8949, -12.2657



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.



150.0290, 35.9747, -58.7844



155.6270, 48.9909, -80.3569



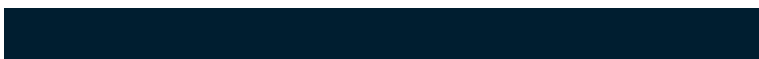
110.1130, 55.6533, -23.7781



106.3630, 2.7790, -4.7034



84.0470, 45.3328, -73.7092



23.0820, 12.2846, -20.2429

Inverse Universe

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



134.7780, 17.3644, 77.3707



134.6750, 23.8242, 105.5250



195.8870, -55.6533, 23.7781



105.0870, 1.4361, 6.0627



65.0500, 21.6674, 97.3032



17.7720, 6.0284, 26.5100

Previews

White Background



This preview shows how the YUV color 150.0290, 35.9747, -58.7844 looks on a white background.

Color Contrast Check

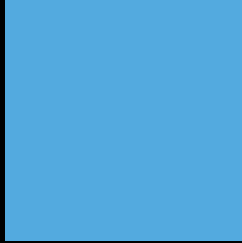
Large Text (above 18pt) WCAG AA × Fail

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 150.0290, 35.9747, -58.7844 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

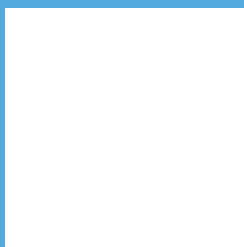
Any Text WCAG AAA ✓ Pass

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

YUV 150.0290, 35.9747, -58.7844 Background



This preview shows how black text looks on a background with the YUV color 150.0290, 35.9747, -58.7844.



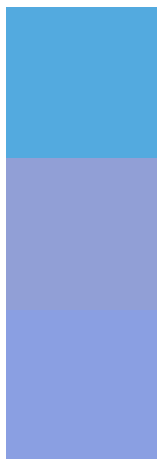
This preview shows how white text looks on a background with the YUV color 150.0290, 35.9747, -58.7844.

-58.7844.

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

150.0290, 35.9747, -58.7844

Protanopia

161.0840, 26.0876, -14.1057

Deuteranopia

160.3590, 32.3610, -19.6088



Tritanopia

145.0050, 22.1825, -68.4104

Trichromacy



Original Color

150.0290, 35.9747, -58.7844

Protanomaly

156.8970, 29.6308, -30.6047

Deuteranomaly

156.6130, 33.7148, -33.8636

Tritanomaly

146.9930, 27.1185, -64.8919

Monochromacy



Original Color

150.0290, 35.9747, -58.7844

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.0110, 13.3056, -21.0576

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.0290, 35.9747, -58.7844 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(83, 170, 223)` looks like.

```
.text, #text, p{  
    color:rgb(83, 170, 223)  
}
```

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(83, 170, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 170, 223) }
```

Border

The CSS property to change the border of an element to YUV 150.0290, 35.9747, -58.7844 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(83, 170, 223) }
```


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

```
.border{ border-color:rgb(83, 170, 223) }
```

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

Here you see how a box with a 4 pixel rgb(83, 170, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 170, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 170, 223);  
box-shadow:4px 4px 4px 4px rgb(83, 170,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 150.0290, 35.9747, -58.7844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 170, 223) }
```

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

```
.background{ background-color: rgb(83, 170,  
223) }
```

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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