

Converting Colors

YUV(148.8400, 32.6169,
-55.1107)

Have a look what the booklet for
YUV(148.8400, 32.6169, -55.1107)
contains.

YUV(148.8400, 32.6169, -55.1107)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(148.8400, 32.6169,
-55.1107)**

Conversions

Conversions Part 1

Format	Color
Hex	56A8D7
RGB	86, 168, 215
RGB Percent	34%, 66%, 84%
CMY	0.6627, 0.3412, 0.1569
CMYK	0.60, 0.22, 0.00, 0.16
HSL	202°, 62%, 59%
HSV	202°, 60%, 84%
XYZ	30.1061, 34.8900, 69.4377
YIQ	148.8400, -63.9590, -2.7670

Conversions

Conversions Part 2

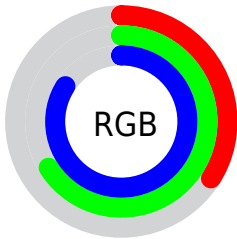
Format	Color
RYB	86, 136, 215
Decimal	5679319
CIELab	65.66, -11.16, -31.35
CIELCh	66, 33.280, 250.403
Yxy	34.8900, 0.2239, 0.2595
Android (android.graphics.Color)	4283869399 (0xFF56A8D7)
YUV	148.8400, 32.6169, -55.1107
Hunter-Lab	59.0678, -12.3893, -28.3515

Details

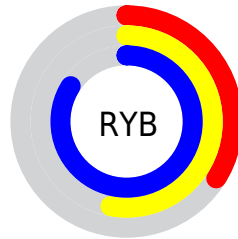
The YUV color **148.8400, 32.6169, -55.1107** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **152.1600, -32.6169, 55.1107**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.6250, 25.3279, -50.5371**, and **86.3320, 36.3183, -75.7132** is the 20% darker color. If you saturate the color by 10%, you get **137.8650, 38.0276, -63.9026**, and if you desaturate by 10%, it is **160.1140, 27.0588, -45.7040**.

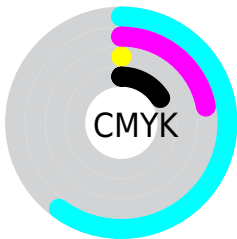
Distribution



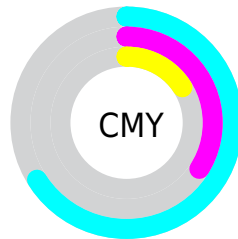
- Red (34%)
- Green (66%)
- Blue (84%)



- Red (34%)
- Yellow (53%)
- Blue (84%)



- Cyan (60%)
- Magenta (22%)
- Yellow (0%)
- Black (16%)



- Cyan (66%)
- Magenta (34%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.8400, 32.6169, -55.1107 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 148.8400, 32.6169, -55.1107 by changing the saturation by 10% instead.

■ 148.8400, 32.6169,
-55.1107

■ 148.8400, 32.6169,
-55.1107

255.0000, 0.0000,
0.0000

■ 120.5190, 32.7751,
-59.2142

■ 203.6250, 25.3279,
-50.5371

■ 86.3320, 36.3183,
-75.7132

■ 229.3190, 12.6607,
-47.6378

■ 69.2800, 31.9070,
-60.7586

■ 239.7510, 7.5178,
-31.3536

■ 52.2280, 27.4956,
-45.8040

■ 248.7210, 3.0955,
-12.9103

■ 36.5780, 23.3790,
-32.0789

■ 22.1020, 18.6837,
-19.3835

■ 6.0930, 15.7302,

-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 148.8400, 32.6169,
-55.1107

■ 148.8400, 32.6169,
-55.1107

■ 137.8650, 38.0276,
-63.9026

■ 160.1140, 27.0588,
-45.7040

■ 126.5910, 43.5856,
-73.3093

■ 171.0890, 21.6481,
-36.9121

■ 115.9040, 48.8543,
-83.2308

■ 182.3630, 16.0900,
-27.5054

■ 104.9290, 54.2650,
-92.0227

■ 192.7510, 10.9688,
-18.1986

■ 204.0250, 5.4107,
-8.7919

■ 215.0000, 0.0000,
0.0000

■ 226.2740, -5.5581,
9.4067

■ 236.3520,
-10.5265, 16.3543

■ 240.4610,
-12.5523, 12.7507

Harmonies

Analogous

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



139.5460, 28.3248, -78.5318



148.8400, 32.6169, -55.1107



158.2510, 29.4563, -21.2681

Triad

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



148.8400, 32.6169, -55.1107



162.7010, -6.2616, 48.4972



152.7490, -19.5963, -14.6889

Complementary

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



148.8400, 32.6169, -55.1107



152.1600, -32.6169, 55.1107

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.



156.4380, -27.8239, 11.0169



148.8400, 32.6169, -55.1107



160.6610, -19.0599, 46.7783

Square

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



148.8400, 32.6169, -55.1107



163.4080, 8.1799, 36.4762



159.0970, -27.1628, 32.3639



147.8840, -4.3798, -41.9943

Rectangle

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



148.8400, 32.6169, -55.1107



162.3140, 24.0022, 1.4786



159.0970, -27.1628, 32.3639



154.4790, -23.4071, -5.6821

Sweetspot

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



148.8400, 32.6169, -55.1107



231.2670, 11.7004, -19.5282



166.8530, -17.6755, -70.9081



112.8720, 7.4581, -12.1657



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.



148.8400, 32.6169, -55.1107



160.6550, 46.5121, -78.6274



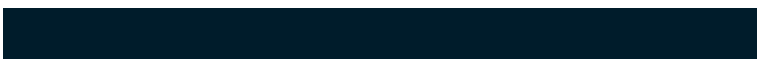
111.8590, 50.8485, -22.6783



101.3630, 2.7790, -4.7034



83.4770, 43.1488, -73.2093



21.3380, 10.6794, -18.7134

Inverse Universe

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



133.9190, 16.8019, 71.1080



139.3540, 23.9825, 101.4215



189.1410, -50.8485, 22.6783



100.0870, 1.4361, 6.0627



63.5550, 22.4044, 94.2293



16.0490, 5.8918, 23.6360

Previews

White Background



This preview shows how the YUV color 148.8400, 32.6169, -55.1107 looks on a white background.

Color Contrast Check

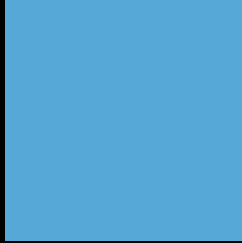
Large Text (above 18pt) WCAG AA × Fail

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 148.8400, 32.6169, -55.1107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

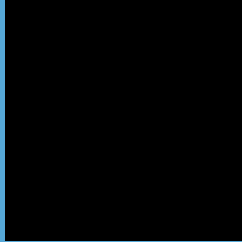
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 148.8400, 32.6169, -55.1107

Background



This preview shows how black text looks on a background with the YUV color 148.8400, 32.6169, -55.1107.

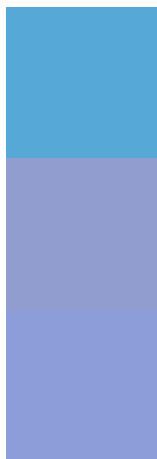


This preview shows how white text looks on a background with the YUV color 148.8400, 32.6169, -55.1107.

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

148.8400, 32.6169, -55.1107

Protanopia

159.1120, 23.6088, -12.3762

Deuteranopia

158.8710, 29.1506, -16.5499



Tritanopia

144.9950, 20.7085, -62.2626

Trichromacy



Original Color

148.8400, 32.6169, -55.1107

Protanomaly

155.5230, 26.8572, -27.6457

Deuteranomaly

155.1250, 30.5044, -30.8046

Tritanomaly

146.1570, 25.0656, -59.7737

Monochromacy



Original Color

148.8400, 32.6169, -55.1107

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.9680, 11.8478, -20.1429

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.8400, 32.6169, -55.1107 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, 168, 215)` looks like.

```
.text, #text, p{  
    color:rgb(86, 168, 215)  
}
```

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, 168, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 168, 215) }
```

Border

The CSS property to change the border of an element to YUV 148.8400, 32.6169, -55.1107 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, 168, 215) }
```


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

```
.border{ border-color:rgb(86, 168, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 168, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 168, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 168, 215);  
box-shadow:4px 4px 4px 4px rgb(86, 168,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 148.8400, 32.6169, -55.1107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 168, 215) }
```

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

```
.background{ background-color: rgb(86, 168,  
215) }
```

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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