

Converting Colors

YUV(108.4680, 50.0553,
-95.1264)

Have a look what the booklet for
YUV(108.4680, 50.0553, -95.1264)
contains.

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Color

**YUV(108.4680, 50.0553,
-95.1264)**

Conversions

Conversions Part 1

Format	Color
Hex	0090D2
RGB	0, 144, 210
RGB Percent	0%, 56%, 82%
CMY	1.0000, 0.4353, 0.1765
CMYK	1.00, 0.31, 0.00, 0.18
HSL	199°, 100%, 41%
HSV	199°, 100%, 82%
XYZ	21.6061, 24.5997, 64.5822
YIQ	108.4680, -107.0100, -10.0020

Conversions

Conversions Part 2

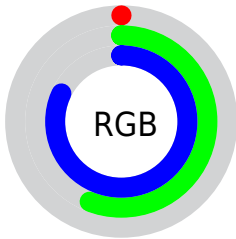
Format	Color
RYB	0, 85, 210
Decimal	37074
CIELab	56.68, -8.14, -42.72
CIELCh	57, 43.493, 259.216
Yxy	24.5997, 0.1950, 0.2220
Android (android.graphics.Color)	4278227154 (0xFF0090D2)
YUV	108.4680, 50.0553, -95.1264
Hunter-Lab	49.5980, -9.0376, -42.4836

Details

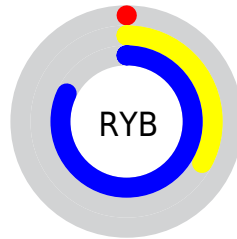
The YUV color **108.4680, 50.0553, -95.1264** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **101.5320, -50.0553, 95.1264**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.4950, 39.1960, -65.3321**, and **72.8480, 40.5009, -63.8877** is the 20% darker color. If you saturate the color by 10%, you get **108.4680, 50.0553, -95.1264**, and if you desaturate by 10%, it is **118.8560, 44.9340, -85.8197**.

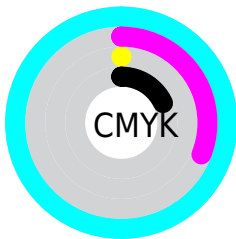
Distribution



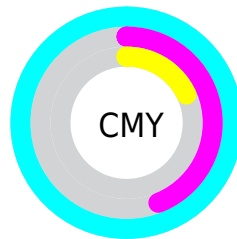
- Red (0%)
- Green (56%)
- Blue (82%)



- Red (0%)
- Yellow (33%)
- Blue (82%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (44%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.4680, 50.0553, -95.1264 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 108.4680, 50.0553, -95.1264 by changing the saturation by 10% instead.

■ 108.4680, 50.0553,
-95.1264

■ 108.4680, 50.0553,
-95.1264

■ 255.0000, 0.0000,
0.0000

■ 90.0140, 45.3491,
-78.9423

■ 175.4950, 39.1960,
-65.3321

■ 72.8480, 40.5009,
-63.8877

■ 201.4990, 26.3760,
-60.0736

■ 56.3830, 35.8002,
-49.4479

■ 227.2040, 13.7034,
-55.4299

■ 40.5050, 30.8100,
-35.5229

■ 237.0600, 8.8444,
-36.8866

■ 26.0290, 26.1147,
-22.8274

■ 246.3290, 4.2748,
-17.8285

■ 9.2050, 22.5769,
-8.0728

■ 4.9360, 13.8356,

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 108.4680, 50.0553,
-95.1264

■ 118.8560, 44.9340,
-85.8197

■ 128.6570, 40.1021,
-75.9982

■ 139.0450, 34.9808,
-66.6915

■ 148.8460, 30.1489,
-56.8699

■ 159.2340, 25.0276,
-47.5632

■ 169.6220, 19.9064,
-38.2565

■ 179.4230, 15.0745,
-28.4350

■ 189.8110, 9.9532,
-19.1282

■ 199.6120, 5.1213,
-9.3067

Harmonies

Analogous

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



111.1120, 39.8778, -97.4452



108.4680, 50.0553, -95.1264



135.2930, 35.8446, -16.9200

Triad

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



108.4680, 50.0553, -95.1264



136.4100, -11.5411, 61.9074



124.6500, -19.5474, -30.3880

Complementary

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



108.4680, 50.0553, -95.1264



101.5320, -50.0553, 95.1264

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.



129.7870, -33.9120, 3.6948



108.4680, 50.0553, -95.1264



135.2290, -27.2279, 53.2962

Square

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



108.4680, 50.0553, -95.1264



138.3500, 6.2365, 53.1901



133.3930, -36.1827, 32.1043



104.7900, 7.9915, -90.1468

Rectangle

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



108.4680, 50.0553, -95.1264



139.3030, 27.4586, 12.8893



133.3930, -36.1827, 32.1043



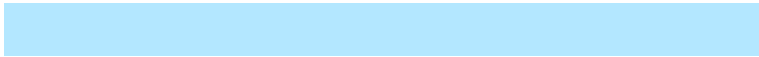
126.5330, -25.4058, -18.0074

Sweetspot

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



108.4680, 50.0553, -95.1264



218.1880, 18.1483, -34.3679



130.4520, -33.2538, -114.4064



105.4410, 11.1216, -20.5578



0.0000, 0.0000, 0.0000



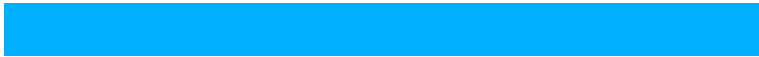
128.0000, 0.0000, 0.0000

Same Dimension

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



108.4680, 50.0553, -95.1264



131.7950, 60.7401, -115.5842



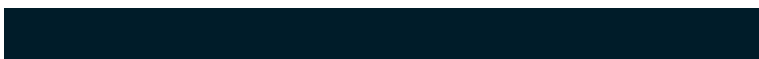
48.5940, 79.5732, -42.6169



99.3630, 2.7790, -4.7034



86.6570, 40.1021, -75.9982



21.1100, 9.8058, -18.5135

Inverse Universe

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



79.2060, 31.9434, 114.7063



96.1950, 38.8509, 139.2720



161.4060, -79.5732, 42.6169



98.0870, 1.4361, 6.0627



63.3420, 25.4674, 91.7851



15.4510, 6.1867, 22.4065

Previews

White Background



This preview shows how the YUV color 108.4680, 50.0553, -95.1264 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 108.4680, 50.0553, -95.1264 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 108.4680, 50.0553, -95.1264 Background



This preview shows how black text looks on a background with the YUV color 108.4680, 50.0553, -95.1264.

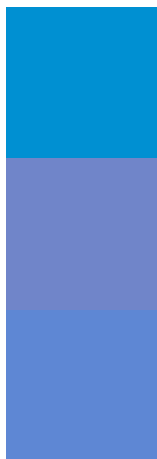


This preview shows how white text looks on a background with the YUV color 108.4680, 50.0553, -95.1264.

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

108.4680, 50.0553, -95.1264

Protanopia

134.4730, 32.7978, -19.7088

Deuteranopia

131.5190, 39.6771, -32.9042



Tritanopia

106.4040, 26.9158, -93.3163

Trichromacy



Original Color

108.4680, 50.0553, -95.1264

Protanomaly

124.9040, 38.9943, -47.2738

Deuteranomaly

123.0000, 43.3840, -55.2510

Tritanomaly

107.2820, 35.3570, -94.0863

Monochromacy



Original Color

108.4680, 50.0553, -95.1264

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.1880, 18.1483, -34.3679

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.4680, 50.0553, -95.1264 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(0, 144, 210)` looks like.

```
.text, #text, p{  
    color:rgb(0, 144, 210)  
}
```

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(0, 144, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 144, 210) }
```

Border

The CSS property to change the border of an element to YUV 108.4680, 50.0553, -95.1264 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(0, 144, 210) }
```


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

```
.border{ border-color:rgb(0, 144, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 144, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 144, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 144, 210);  
box-shadow:4px 4px 4px 4px rgb(0, 144,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 108.4680, 50.0553, -95.1264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 144, 210) }
```

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

```
.background{ background-color: rgb(0, 144,  
210) }
```

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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