

Converting Colors

YUV(98.0460, 50.2633,
-68.4463)

Have a look what the booklet for
YUV(98.0460, 50.2633, -68.4463)
contains.

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Color

**YUV(98.0460, 50.2633,
-68.4463)**

Conversions

Conversions Part 1

Format	Color
Hex	1476C8
RGB	20, 118, 200
RGB Percent	8%, 46%, 78%
CMY	0.9216, 0.5373, 0.2157
CMYK	0.90, 0.41, 0.00, 0.22
HSL	207°, 82%, 43%
HSV	207°, 90%, 78%
XYZ	17.1923, 17.2757, 57.0720
YIQ	98.0460, -84.7300, 4.7260

Conversions

Conversions Part 2

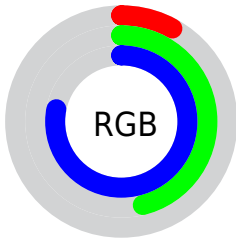
Format	Color
R_{YB}	20, 83, 200
Decimal	1341128
CIE _{Lab}	48.61, 4.30, -49.87
CIE _{LCh}	49, 50.053, 274.927
Yxy	17.2757, 0.1878, 0.1887
Android (android.graphics.Color)	4279531208 (0xFF1476C8)
YUV	98.0460, 50.2633, -68.4463
Hunter-Lab	41.5641, 1.0963, -52.3168

Details

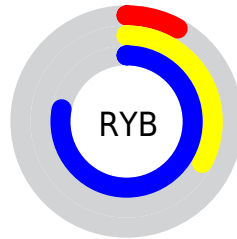
The YUV color **98.0460, 50.2633, -68.4463** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **121.9540, -50.2633, 68.4463**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.3580, 47.1515, -50.3030**, and **58.2070, 42.7889, -51.0475** is the 20% darker color. If you saturate the color by 10%, you get **86.7830, 55.8160, -76.1087**, and if you desaturate by 10%, it is **109.3090, 44.7107, -60.7840**.

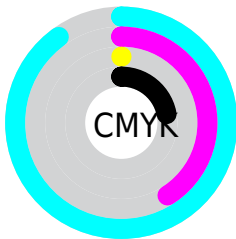
Distribution



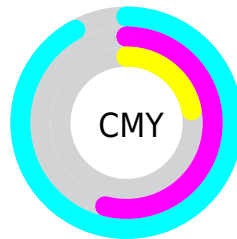
- Red (8%)
- Green (46%)
- Blue (78%)



- Red (8%)
- Yellow (33%)
- Blue (78%)



- Cyan (90%)
- Magenta (41%)
- Yellow (0%)
- Black (22%)



- Cyan (92%)
- Magenta (54%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.0460, 50.2633, -68.4463 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 98.0460, 50.2633, -68.4463 by changing the saturation by 10% instead.

■ 98.0460, 50.2633,
-68.4463

■ 98.0460, 50.2633,
-68.4463

255.0000, 0.0000,
0.0000

■ 74.7860, 47.9265,
-65.5873

■ 159.3580, 47.1515,
-50.3030

■ 58.2070, 42.7889,
-51.0475

■ 184.4760, 34.7683,
-45.1445

■ 42.3290, 37.7988,
-37.1225

■ 209.8820, 22.2432,
-41.1155

■ 27.7390, 32.6667,
-24.3271

■ 235.5870, 9.5706,
-36.4718

■ 12.6760, 28.2607,
-11.1169

■ 245.7310, 4.5696,
-19.0581

■ 7.5920, 18.9351,
-6.6582

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 98.0460, 50.2633,
-68.4463

■ 98.0460, 50.2633,
-68.4463

■ 86.7830, 55.8160,
-76.1087

■ 109.3090, 44.7107,
-60.7840

■ 120.5720, 39.1580,
-53.1216

■ 131.8350, 33.6053,
-45.4593

■ 143.0980, 28.0527,
-37.7969

■ 154.9480, 22.2106,
-30.6494

■ 166.2110, 16.6580,
-22.9870

■ 177.4740, 11.1053,
-15.3247

■ 188.7370, 5.5527,
-7.6623

■ 200.0000, 0.0000,
0.0000

Harmonies

Analogous

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



97.6110, 46.5338, -85.6048



98.0460, 50.2633, -68.4463



118.0510, 33.0059, 6.9713

Triad

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



98.0460, 50.2633, -68.4463



112.5000, -21.4455, 65.3365



86.9630, -4.4188, -76.2666

Complementary

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



98.0460, 50.2633, -68.4463



121.9540, -50.2633, 68.4463

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.



105.1220, -32.1051, -15.8930



98.0460, 50.2633, -68.4463



112.1390, -37.5365, 46.3591

Square

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



98.0460, 50.2633, -68.4463



113.6740, -1.8113, 67.8149



109.5410, -44.1437, 18.8195



93.6260, 13.4954, -82.1100

Rectangle

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



98.0460, 50.2633, -68.4463



118.8930, 22.7308, 36.0508



109.5410, -44.1437, 18.8195



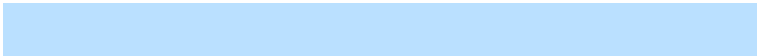
97.6480, -16.5885, -46.1723

Sweetspot

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



98.0460, 50.2633, -68.4463



216.1720, 19.1422, -26.4608



134.8940, -16.7097, -100.7620



104.5880, 11.5421, -15.4247



0.0000, 0.0000, 0.0000



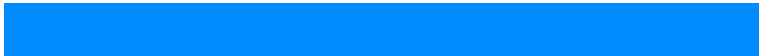
128.0000, 0.0000, 0.0000

Same Dimension

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



98.0460, 50.2633, -68.4463



110.6630, 71.1581, -97.0515



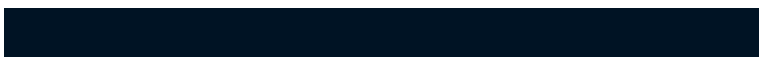
45.8030, 76.0191, -22.6292



93.9610, 2.4842, -3.4738



70.8250, 45.4423, -62.1135



15.2570, 10.2263, -13.3804

Inverse Universe

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



84.9920, 16.2729, 100.8620



92.0910, 23.1261, 142.8712



174.1970, -76.0191, 22.6292



93.2610, 0.8573, 5.0331



58.8830, 14.8477, 91.3106



12.9300, 2.9925, 20.2324

Previews

White Background



This preview shows how the YUV color 98.0460, 50.2633, -68.4463 looks on a white 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

Black Background



This preview shows how the YUV color 98.0460, 50.2633, -68.4463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

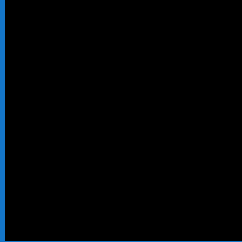
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.0460, 50.2633, -68.4463

Background



This preview shows how black text looks on a background with the YUV color 98.0460, 50.2633, -68.4463.



This preview shows how white text looks on a background with the YUV color 98.0460, 50.2633, -68.4463.

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

98.0460, 50.2633, -68.4463

Protanopia

111.7800, 40.5345, -27.8711

Deuteranopia

104.0480, 47.3043, -52.6621



Tritanopia

90.7540, 22.7993, -79.5913

Trichromacy



Original Color

98.0460, 50.2633, -68.4463

Protanomaly

106.6040, 44.0722, -42.6257

Deuteranomaly

101.9440, 48.3416, -58.7099

Tritanomaly

93.1210, 32.9713, -75.5281

Monochromacy



Original Color

98.0460, 50.2633, -68.4463

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.9550, 18.2632, -24.5165

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.0460, 50.2633, -68.4463 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(20, 118, 200)` looks like.

```
.text, #text, p{  
    color:rgb(20, 118, 200)  
}
```

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(20, 118, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 118, 200) }
```

Border

The CSS property to change the border of an element to YUV 98.0460, 50.2633, -68.4463 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(20, 118, 200) }
```


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

```
.border{ border-color:rgb(20, 118, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 118, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 118, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 118, 200);  
box-shadow:4px 4px 4px 4px rgb(20, 118,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 98.0460, 50.2633, -68.4463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 118, 200) }
```

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

```
.background{ background-color: rgb(20, 118,  
200) }
```

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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