

Converting Colors

YUV(84.5080, 52.9936,
-57.4505)

Have a look what the booklet for
YUV(84.5080, 52.9936, -57.4505)
contains.

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Color

**YUV(84.5080, 52.9936,
-57.4505)**

Conversions

Conversions Part 1

Format	Color
Hex	1361C0
RGB	19, 97, 192
RGB Percent	7%, 38%, 75%
CMY	0.9255, 0.6196, 0.2471
CMYK	0.90, 0.49, 0.00, 0.25
HSL	213°, 82%, 41%
HSV	213°, 90%, 75%
XYZ	14.0577, 12.4936, 51.5398
YIQ	84.5080, -76.9830, 13.0090

Conversions

Conversions Part 2

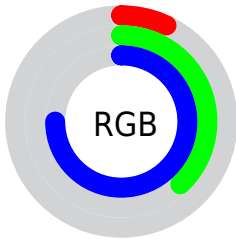
Format	Color
R_{YB}	19, 73, 192
Decimal	1270208
CIE _{Lab}	41.99, 14.46, -55.89
CIE _{LCh}	42, 57.726, 284.510
Yxy	12.4936, 0.1800, 0.1600
Android (android.graphics.Color)	4279460288 (0xFF1361C0)
YUV	84.5080, 52.9936, -57.4505
Hunter-Lab	35.3463, 9.1357, -61.7106

Details

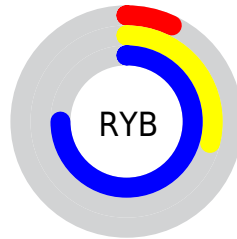
The YUV color **84.5080, 52.9936, -57.4505** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **126.4920, -52.9936, 57.4505**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.5750, 51.4815, -39.0923**, and **46.2560, 45.2298, -40.5665** is the 20% darker color. If you saturate the color by 10%, you get **72.9570, 58.6882, -63.9833**, and if you desaturate by 10%, it is **96.6460, 47.0095, -51.4325**.

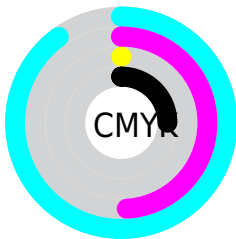
Distribution



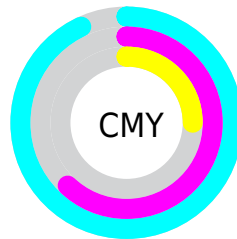
- Red (7%)
- Green (38%)
- Blue (75%)



- Red (7%)
- Yellow (29%)
- Blue (75%)



- Cyan (90%)
- Magenta (49%)
- Yellow (0%)
- Black (25%)



- Cyan (93%)
- Magenta (62%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.5080, 52.9936, -57.4505 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 84.5080, 52.9936, -57.4505 by changing the saturation by 10% instead.

■ 84.5080, 52.9936,
-57.4505

■ 84.5080, 52.9936,
-57.4505

■ 255.0000, 0.0000,
0.0000

■ 62.1340, 50.2199,
-54.4915

■ 144.5750, 51.4815,
-39.0923

■ 46.2560, 45.2298,
-40.5665

■ 169.7900, 42.0085,
-34.0188

■ 31.5520, 39.6609,
-27.6711

■ 194.6090, 29.7728,
-29.4751

■ 14.6140, 35.6863,
-12.8165

■ 220.0150, 17.2476,
-25.4462

■ 10.5900, 25.3451,
-9.2874

■ 244.8340, 5.0118,
-20.9024

■ 6.2070, 16.1669,
-5.4435

■ 254.1030, 0.4422,

■ 2.5250, 7.1362,

-1.8443

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 84.5080, 52.9936,
-57.4505

■ 84.5080, 52.9936,
-57.4505

■ 72.9570, 58.6882,
-63.9833

■ 96.6460, 47.0095,
-51.4325

■ 108.1970, 41.3149,
-44.8998

■ 120.6340, 35.1834,
-38.2670

■ 132.1850, 29.4888,
-31.7342

■ 144.3230, 23.5048,
-25.7163

■ 155.8740, 17.8101,
-19.1835

■ 168.0120, 11.8261,
-13.1655

■ 179.8620, 5.9840,
-6.0180

■ 192.0000, 0.0000,
0.0000

Harmonies

Analogous

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



87.5180, 51.0166, -76.7533



84.5080, 52.9936, -57.4505



101.7480, 32.6622, 23.9000

Triad

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



84.5080, 52.9936, -57.4505



93.3340, -29.7447, 67.2361



78.0610, -2.9881, -68.4595

Complementary

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



84.5080, 52.9936, -57.4505



126.4920, -52.9936, 57.4505

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.



80.9730, -29.5667, -36.8103



84.5080, 52.9936, -57.4505



93.5160, -46.1034, 40.7665

Square

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



84.5080, 52.9936, -57.4505



90.3120, -6.0698, 80.4104



90.6490, -44.6900, 7.3238



84.3480, 18.5624, -73.9732

Rectangle

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



84.5080, 52.9936, -57.4505



98.2590, 21.0713, 55.0239



90.6490, -44.6900, 7.3238



75.5360, -10.1242, -66.2451

Sweetspot

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



84.5080, 52.9936, -57.4505



207.9490, 20.7311, -22.7573



131.0390, -9.8792, -98.2582



100.1260, 12.2629, -13.2655



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



84.5080, 52.9936, -57.4505



94.8310, 76.4983, -83.1668



40.5160, 74.6816, -13.6075



91.0750, 2.9210, -3.5738



60.6180, 49.4883, -53.1620



12.5670, 10.0735, -11.0213

Inverse Universe

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



79.6190, 8.5688, 98.5581



87.6320, 12.5064, 142.3967



170.4840, -74.6816, 13.6075



90.5600, 0.7099, 5.6479



56.3470, 7.7169, 91.7807



11.5770, 1.6875, 18.7880

Previews

White Background



This preview shows how the YUV color 84.5080, 52.9936, -57.4505 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 84.5080, 52.9936, -57.4505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

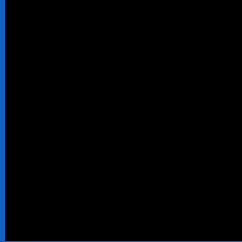
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.5080, 52.9936, -57.4505

Background



This preview shows how black text looks on a background with the YUV color 84.5080, 52.9936, -57.4505.



This preview shows how white text looks on a background with the YUV color 84.5080, 52.9936, -57.4505.

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

84.5080, 52.9936, -57.4505

Protanopia

90.2820, 49.1610, -41.4663

Deuteranopia

79.3510, 47.6480, -69.5908



Tritanopia

77.9080, 19.2724, -68.3253

Trichromacy



Original Color

84.5080, 52.9936, -57.4505

Protanomaly

88.2920, 50.6350, -47.6141

Deuteranomaly

81.5410, 49.5263, -65.3725

Tritanomaly

80.1440, 31.4810, -64.1473

Monochromacy



Original Color

84.5080, 52.9936, -57.4505

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.6180, 19.4153, -20.7130

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.5080, 52.9936, -57.4505 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(19, 97, 192)` looks like.

```
.text, #text, p{  
    color:rgb(19, 97, 192)  
}
```

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(19, 97, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 97, 192) }
```

Border

The CSS property to change the border of an element to YUV 84.5080, 52.9936, -57.4505 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(19, 97, 192) }
```


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

```
.border{ border-color:rgb(19, 97, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 97, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 97, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 97, 192);  
box-shadow:4px 4px 4px 4px rgb(19, 97,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 84.5080, 52.9936, -57.4505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 97, 192) }
```

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

```
.background{ background-color: rgb(19, 97,  
192) }
```

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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