

Converting Colors

YUV(84.1390, 49.2315,
-64.1429)

Have a look what the booklet for
YUV(84.1390, 49.2315, -64.1429)
contains.

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Color

**YUV(84.1390, 49.2315,
-64.1429)**

Conversions

Conversions Part 1

Format	Color
Hex	0B66B8
RGB	11, 102, 184
RGB Percent	4%, 40%, 72%
CMY	0.9569, 0.6000, 0.2784
CMYK	0.94, 0.45, 0.00, 0.28
HSL	208°, 89%, 38%
HSV	208°, 94%, 72%
XYZ	13.5411, 13.0346, 47.1496
YIQ	84.1390, -80.5580, 6.2100

Conversions

Conversions Part 2

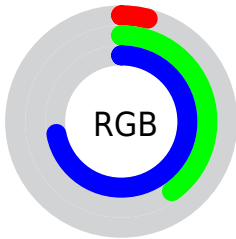
Format	Color
RYB	11, 71, 184
Decimal	747192
CIELab	42.82, 7.63, -49.90
CIElCh	43, 50.484, 278.689
Yxy	13.0346, 0.1837, 0.1768
Android (android.graphics.Color)	4278937272 (0xFF0B66B8)
YUV	84.1390, 49.2315, -64.1429
Hunter-Lab	36.1034, 3.7680, -52.1579

Details

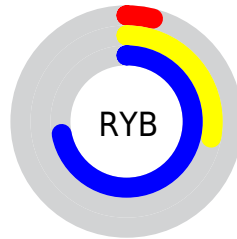
The YUV color **84.1390, 49.2315, -64.1429** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **110.8610, -49.2315, 64.1429**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.1030, 47.2772, -43.9403**, and **47.6920, 40.5778, -41.8259** is the 20% darker color. If you saturate the color by 10%, you get **77.9150, 52.2999, -68.3315**, and if you desaturate by 10%, it is **94.8040, 43.9736, -57.7101**.

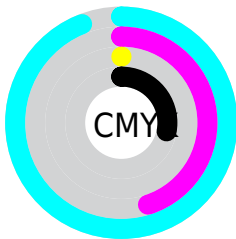
Distribution



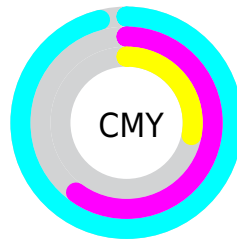
- Red (4%)
- Green (40%)
- Blue (72%)



- Red (4%)
- Yellow (28%)
- Blue (72%)



- Cyan (94%)
- Magenta (45%)
- Yellow (0%)
- Black (28%)



- Cyan (96%)
- Magenta (60%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.1390, 49.2315, -64.1429 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 84.1390, 49.2315, -64.1429 by changing the saturation by 10% instead.

■ 84.1390, 49.2315,
-64.1429

■ 84.1390, 49.2315,
-64.1429

■ 255.0000, 0.0000,
0.0000

■ 63.6840, 46.0048,
-55.8509

■ 145.1030, 47.2772,
-43.9403

■ 47.6920, 40.5778,
-41.8259

■ 171.8170, 41.0092,
-40.1815

■ 33.1020, 35.4457,
-29.0305

■ 196.6360, 28.7735,
-35.6378

■ 17.3380, 30.8924,
-15.2054

■ 222.0420, 16.2483,
-31.6088

■ 9.3190, 23.0137,
-8.1728

■ 243.3390, 5.7489,
-23.9763

■ 5.0500, 14.2723,
-4.4289

■ 252.3090, 1.3267,

■ 0.7980, 3.0576,

-5.5330

-0.6998

■ 0.0000, 0.0000,
0.0000

■ 84.1390, 49.2315,
-64.1429

■ 84.1390, 49.2315,
-64.1429

■ 77.9150, 52.2999,
-68.3315

■ 94.8040, 43.9736,
-57.7101

■ 105.1810, 38.8578,
-50.1477

■ 115.8460, 33.5999,
-43.7149

■ 126.8100, 28.1947,
-36.6674

■ 137.4750, 22.9368,
-30.2346

■ 147.5530, 17.9684,
-23.2870

■ 158.5170, 12.5631,
-16.2394

■ 169.1820, 7.3053,
-9.8066

■ 179.5590, 2.1894,
-2.2442

Harmonies

Analogous

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



87.3240, 45.1963, -76.5831



84.1390, 49.2315, -64.1429



103.6280, 31.2424, 12.6042

Triad

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



84.1390, 49.2315, -64.1429



97.4350, -22.8925, 62.7625



77.7190, -4.2985, -68.1596

Complementary

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



84.1390, 49.2315, -64.1429



110.8610, -49.2315, 64.1429

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.



89.0720, -29.6155, -21.1111



84.1390, 49.2315, -64.1429



96.8350, -39.8517, 42.2407

Square

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



84.1390, 49.2315, -64.1429



97.6310, -3.2691, 68.7296



93.3510, -46.0220, 14.6012



83.7950, 13.9051, -73.4882

Rectangle

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



84.1390, 49.2315, -64.1429



103.3450, 20.5359, 40.0394



93.3510, -46.0220, 14.6012



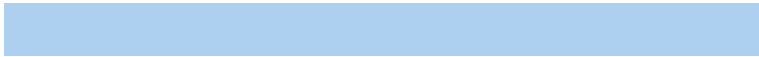
75.2480, -9.9823, -65.1155

Sweetspot

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



84.1390, 49.2315, -64.1429



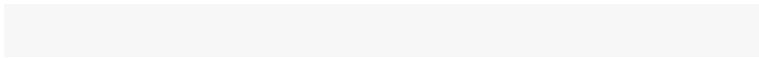
201.1830, 19.1368, -24.7165



121.7850, -14.6840, -97.1584



96.5880, 11.5421, -15.4247



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



84.1390, 49.2315, -64.1429



101.3220, 68.3683, -88.8594



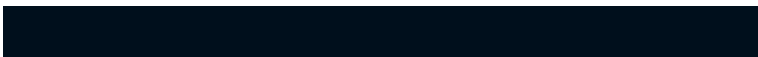
34.2440, 73.8297, -20.3850



86.3740, 2.7736, -2.9590



65.9180, 44.4104, -57.8101



11.9970, 7.8895, -10.5214

Inverse Universe

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



73.1010, 14.2472, 97.2584



86.1240, 19.6589, 134.9493



160.7560, -73.8297, 20.3850



86.1470, 0.4205, 5.1331



55.9920, 12.8219, 87.7070



10.0820, 2.4246, 15.7141

Previews

White Background



This preview shows how the YUV color 84.1390, 49.2315, -64.1429 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 84.1390, 49.2315, -64.1429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

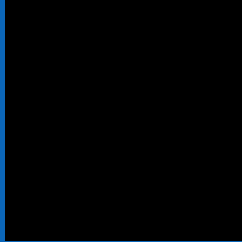
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.1390, 49.2315, -64.1429

Background



This preview shows how black text looks on a background with the YUV color 84.1390, 49.2315, -64.1429.



This preview shows how white text looks on a background with the YUV color 84.1390, 49.2315,

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

84.1390, 49.2315, -64.1429

Protanopia

96.5840, 41.1241, -30.3302

Deuteranopia

81.2090, 49.6900, -71.2203



Tritanopia

79.4240, 20.0040, -69.6548

Trichromacy



Original Color

84.1390, 49.2315, -64.1429

Protanomaly

91.6040, 44.0722, -42.6257

Deuteranomaly

82.5190, 49.5371, -68.8612

Tritanomaly

80.8940, 30.6183, -67.4360

Monochromacy



Original Color

84.1390, 49.2315, -64.1429

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.1400, 17.6790, -23.8018

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.1390, 49.2315, -64.1429 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(11, 102, 184)` looks like.

```
.text, #text, p{  
    color:rgb(11, 102, 184)  
}
```

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(11, 102, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 102, 184) }
```

Border

The CSS property to change the border of an element to YUV 84.1390, 49.2315, -64.1429 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(11, 102, 184) }
```


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

```
.border{ border-color:rgb(11, 102, 184) }
```

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

Here you see how a box with a 4 pixel rgb(11, 102, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 102, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 102, 184);  
box-shadow:4px 4px 4px 4px rgb(11, 102,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 84.1390, 49.2315, -64.1429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 102, 184) }
```

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

```
.background{ background-color: rgb(11, 102,  
184) }
```

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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