

Converting Colors

YUV(85.0150, 47.3206,
-57.8952)

Have a look what the booklet for
YUV(85.0150, 47.3206, -57.8952)
contains.

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Color

**YUV(85.0150, 47.3206,
-57.8952)**

Conversions

Conversions Part 1

Format	Color
Hex	1364B5
RGB	19, 100, 181
RGB Percent	7%, 39%, 71%
CMY	0.9255, 0.6078, 0.2902
CMYK	0.90, 0.45, 0.00, 0.29
HSL	210°, 81%, 39%
HSV	210°, 90%, 71%
XYZ	13.1662, 12.5890, 45.4520
YIQ	85.0150, -74.2770, 8.0190

Conversions

Conversions Part 2

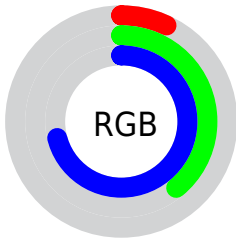
Format	Color
R_{YB}	19, 73, 181
Decimal	1270965
CIE _{Lab}	42.14, 8.12, -49.24
CIE _{LCh}	42, 49.900, 279.361
Yxy	12.5890, 0.1849, 0.1768
Android (android.graphics.Color)	4279461045 (0xFF1364B5)
YUV	85.0150, 47.3206, -57.8952
Hunter-Lab	35.4810, 4.1458, -51.1154

Details

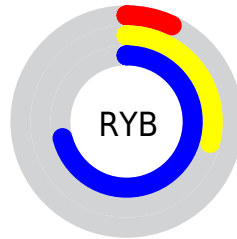
The YUV color **85.0150, 47.3206, -57.8952** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **114.9850, -47.3206, 57.8952**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.0710, 45.8140, -41.2813**, and **46.1760, 39.8462, -40.4964** is the 20% darker color. If you saturate the color by 10%, you get **74.3500, 52.5785, -64.3280**, and if you desaturate by 10%, it is **95.6800, 42.0628, -51.4624**.

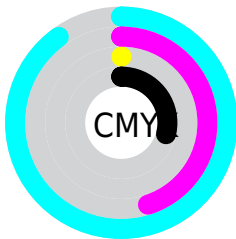
Distribution



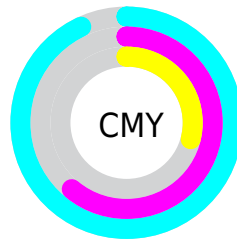
- Red (7%)
- Green (39%)
- Blue (71%)



- Red (7%)
- Yellow (29%)
- Blue (71%)



- Cyan (90%)
- Magenta (45%)
- Yellow (0%)
- Black (29%)



- Cyan (93%)
- Magenta (61%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.0150, 47.3206, -57.8952 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 85.0150, 47.3206, -57.8952 by changing the saturation by 10% instead.

■ 85.0150, 47.3206,
-57.8952

■ 85.0150, 47.3206,
-57.8952

■ 255.0000, 0.0000,
0.0000

■ 62.7550, 44.9838,
-55.0361

■ 144.0710, 45.8140,
-41.2813

■ 46.1760, 39.8462,
-40.4964

■ 170.9420, 41.4406,
-38.5371

■ 31.5860, 34.7141,
-27.7009

■ 195.7610, 29.2048,
-33.9934

■ 15.2350, 30.4501,
-13.3611

■ 221.1670, 16.6797,
-29.9645

■ 9.0910, 22.1401,
-7.9728

■ 243.3390, 5.7489,
-23.9763

■ 4.7080, 12.9620,
-4.1289

■ 252.6080, 1.1793,

■ 0.3420, 1.3104,

-4.9182

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 85.0150, 47.3206,
-57.8952

■ 85.0150, 47.3206,
-57.8952

■ 74.3500, 52.5785,
-64.3280

■ 95.6800, 42.0628,
-51.4624

■ 74.0510, 52.7259,
-64.9427

■ 106.3450, 36.8049,
-45.0296

■ 117.0100, 31.5471,
-38.5968

■ 127.6750, 26.2892,
-32.1640

■ 138.6390, 20.8840,
-25.1164

■ 149.3040, 15.6261,
-18.6836

■ 159.9690, 10.3683,
-12.2508

■ 170.6340, 5.1104,
-5.8180

■ 181.2990, -0.1474,
0.6148

Harmonies

Analogous

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



85.8080, 44.4647, -75.2536



85.0150, 47.3206, -57.8952



102.2860, 29.9320, 12.9042

Triad

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



85.0150, 47.3206, -57.8952



95.7230, -23.0344, 61.6329



76.5450, -3.7197, -67.1300

Complementary

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



85.0150, 47.3206, -57.8952



114.9850, -47.3206, 57.8952

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.



87.3000, -28.7419, -21.3111



85.0150, 47.3206, -57.8952



95.1230, -39.9936, 41.1111

Square

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



85.0150, 47.3206, -57.8952



95.8050, -3.8479, 67.7000



92.1660, -45.4378, 13.8864



82.6210, 14.4838, -72.4586

Rectangle

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



85.0150, 47.3206, -57.8952



101.5300, 19.9517, 40.7542



92.1660, -45.4378, 13.8864



73.7750, -9.2561, -64.7007

Sweetspot

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



85.0150, 47.3206, -57.8952



197.0800, 18.6946, -22.8722



123.3280, -11.5007, -91.4957



95.3710, 10.6631, -13.4804



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



85.0150, 47.3206, -57.8952



95.4690, 68.7888, -83.7263



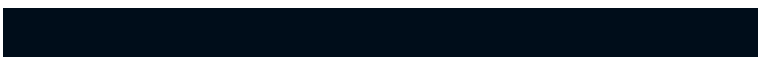
37.4680, 70.7613, -16.1964



83.9610, 2.4842, -3.4738



62.6410, 44.5470, -54.9362



10.5950, 7.5947, -9.2918

Inverse Universe

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



76.6720, 11.5007, 91.4957



83.6030, 16.4647, 132.7752



162.5320, -70.7613, 16.1964



83.2610, 0.8573, 5.0331



54.5250, 11.0802, 86.3626



9.2560, 1.8458, 14.6845

Previews

White Background



This preview shows how the YUV color 85.0150, 47.3206, -57.8952 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 85.0150, 47.3206, -57.8952 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 85.0150, 47.3206, -57.8952

Background



This preview shows how black text looks on a background with the YUV color 85.0150, 47.3206, -57.8952.



This preview shows how white text looks on a background with the YUV color 85.0150, 47.3206, -57.8952.

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

85.0150, 47.3206, -57.8952

Protanopia

94.4700, 40.6873, -30.2302

Deuteranopia

79.5790, 48.5216, -69.7908



Tritanopia

78.0220, 19.7092, -68.4253

Trichromacy



Original Color

85.0150, 47.3206, -57.8952

Protanomaly

90.6860, 43.0458, -40.0666

Deuteranomaly

81.7860, 47.9265, -65.5873

Tritanomaly

80.3890, 29.8812, -64.3622

Monochromacy



Original Color

85.0150, 47.3206, -57.8952

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.7490, 17.3787, -20.8279

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.0150, 47.3206, -57.8952 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, 100, 181)` looks like.

```
.text, #text, p{  
    color:rgb(19, 100, 181)  
}
```

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, 100, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 100, 181) }
```

Border

The CSS property to change the border of an element to YUV 85.0150, 47.3206, -57.8952 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, 100, 181) }
```


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

```
.border{ border-color:rgb(19, 100, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 100, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 100, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 100, 181);  
box-shadow:4px 4px 4px 4px rgb(19, 100,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 85.0150, 47.3206, -57.8952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 100, 181) }
```

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

```
.background{ background-color: rgb(19, 100,  
181) }
```

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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