

Converting Colors

YUV(85.6490, 55.8820,
-50.5582)

Have a look what the booklet for
YUV(85.6490, 55.8820, -50.5582)
contains.

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Color

**YUV(85.6490, 55.8820,
-50.5582)**

Conversions

Conversions Part 1

Format	Color
Hex	1C5DC7
RGB	28, 93, 199
RGB Percent	11%, 36%, 78%
CMY	0.8902, 0.6353, 0.2196
CMYK	0.86, 0.53, 0.00, 0.22
HSL	217°, 75%, 45%
HSV	217°, 86%, 78%
XYZ	14.7020, 12.1991, 55.6126
YIQ	85.6490, -72.7660, 19.1860

Conversions

Conversions Part 2

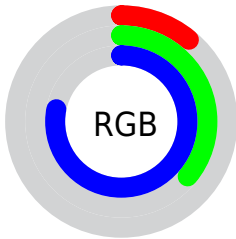
Format	Color
RYB	28, 75, 199
Decimal	1859015
CIELab	41.53, 20.42, -60.68
CIELCh	42, 64.024, 288.602
Yxy	12.1991, 0.1782, 0.1478
Android (android.graphics.Color)	4280049095 (0xFF1C5DC7)
YUV	85.6490, 55.8820, -50.5582
Hunter-Lab	34.9272, 14.0141, -69.9551

Details

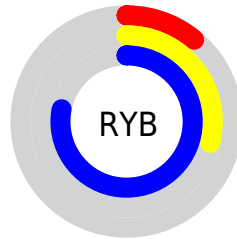
The YUV color **85.6490, 55.8820, -50.5582** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **141.3510, -55.8820, 50.5582**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.4060, 54.5228, -34.5591**, and **44.5920, 49.0081, -39.1072** is the 20% darker color. If you saturate the color by 10%, you get **72.6250, 62.3029, -56.6761**, and if you desaturate by 10%, it is **98.6730, 49.4612, -44.4402**.

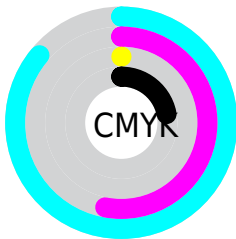
Distribution



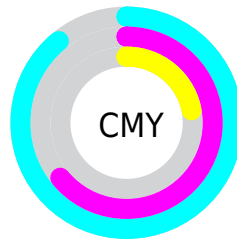
- Red (11%)
- Green (36%)
- Blue (78%)



- Red (11%)
- Yellow (29%)
- Blue (78%)



- Cyan (86%)
- Magenta (53%)
- Yellow (0%)
- Black (22%)



- Cyan (89%)
- Magenta (64%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.6490, 55.8820, -50.5582 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 85.6490, 55.8820, -50.5582 by changing the saturation by 10% instead.

■ 85.6490, 55.8820,
-50.5582

■ 85.6490, 55.8820,
-50.5582

255.0000, 0.0000,
0.0000

■ 60.5840, 54.4351,
-53.1322

■ 144.4060, 54.5228,
-34.5591

■ 44.5920, 49.0081,
-39.1072

■ 168.9370, 42.4291,
-28.8857

■ 30.4750, 43.1498,
-26.7266

■ 193.7560, 30.1933,
-24.3420

■ 12.2490, 39.3172,
-10.7424

■ 219.4610, 17.5207,
-19.6983

■ 11.8610, 27.6765,
-10.4021

■ 244.8670, 4.9956,
-15.6694

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 85.6490, 55.8820,
-50.5582

■ 85.6490, 55.8820,
-50.5582

■ 72.6250, 62.3029,
-56.6761

■ 98.6730, 49.4612,
-44.4402

■ 67.2980, 64.9291,
-59.0203

■ 112.2840, 42.7510,
-38.8371

■ 125.3080, 36.3302,
-32.7191

■ 138.3320, 29.9093,
-26.6012

■ 151.9430, 23.1991,
-20.9980

■ 164.6680, 16.9257,
-15.4948

■ 177.6920, 10.5048,
-9.3769

■ 191.3030, 3.7946,
-3.7737

■ 204.3270, -2.6262,
2.3442

Harmonies

Analogous

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



87.5980, 56.4002, -76.8234



85.6490, 55.8820, -50.5582



99.4550, 33.7927, 34.6810

Triad

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



85.6490, 55.8820, -50.5582



89.8200, -36.8863, 71.1949



78.4030, -1.6777, -68.7594

Complementary

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



85.6490, 55.8820, -50.5582



141.3510, -55.8820, 50.5582

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.



69.2150, -26.7280, -60.7016



85.6490, 55.8820, -50.5582



92.3200, -45.5138, 38.3074

Square

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



85.6490, 55.8820, -50.5582



83.3350, -7.5602, 91.7912



88.2460, -43.5053, 0.6613



85.8470, 21.7674, -75.2878

Rectangle

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



85.6490, 55.8820, -50.5582



92.6890, 22.3383, 68.6787



88.2460, -43.5053, 0.6613



75.7640, -9.2507, -66.4450

Sweetspot

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



85.6490, 55.8820, -50.5582



211.1990, 21.5939, -19.4685



140.3470, -3.6221, -98.5283



101.3650, 13.1311, -11.7211



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.



85.6490, 55.8820, -50.5582



86.0090, 83.3126, -75.4299



53.4740, 71.7443, -4.8007



92.7870, 3.0630, -2.4442



54.9760, 53.2558, -48.2140



12.3220, 11.6733, -10.8064

Inverse Universe

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



86.5390, 3.1853, 98.6283



87.3030, 4.7806, 147.0703



173.5260, -71.7443, 4.8007



93.0330, -0.0163, 5.2331



55.8050, 3.0541, 94.0100



12.3600, 0.8085, 20.7323

Previews

White Background



This preview shows how the YUV color 85.6490, 55.8820, -50.5582 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 85.6490, 55.8820, -50.5582 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 85.6490, 55.8820, -50.5582

Background



This preview shows how black text looks on a background with the YUV color 85.6490, 55.8820, -50.5582.



This preview shows how white text looks on a background with the YUV color 85.6490, 55.8820,

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

85.6490, 55.8820, -50.5582

Protanopia

77.9780, 60.1568, -68.3867

Deuteranopia

78.3080, 46.1902, -68.6761



Tritanopia

76.5060, 18.9775, -67.0958

Trichromacy



Original Color

85.6490, 55.8820, -50.5582

Protanomaly

80.9680, 58.6828, -62.2389

Deuteranomaly

80.6770, 49.9522, -61.9837

Tritanomaly

80.0950, 32.4912, -61.4733

Monochromacy



Original Color

85.6490, 55.8820, -50.5582

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.1560, 20.1361, -18.5538

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.6490, 55.8820, -50.5582 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(28, 93, 199)` looks like.

```
.text, #text, p{  
    color:rgb(28, 93, 199)  
}
```

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(28, 93, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 93, 199) }
```

Border

The CSS property to change the border of an element to YUV 85.6490, 55.8820, -50.5582 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(28, 93, 199) }
```


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

```
.border{ border-color:rgb(28, 93, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 93, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 93, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 93, 199);  
box-shadow:4px 4px 4px 4px rgb(28, 93,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 85.6490, 55.8820, -50.5582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 93, 199) }
```

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

```
.background{ background-color: rgb(28, 93,  
199) }
```

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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