

Converting Colors

YUV(109.1590, 59.0816,
-50.1284)

Have a look what the booklet for
YUV(109.1590, 59.0816, -50.1284)
contains.

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Color

**YUV(109.1590, 59.0816,
-50.1284)**

Conversions

Conversions Part 1

Format	Color
Hex	3473E5
RGB	52, 115, 229
RGB Percent	20%, 45%, 90%
CMY	0.7961, 0.5490, 0.1020
CMYK	0.77, 0.50, 0.00, 0.10
HSL	219°, 77%, 55%
HSV	219°, 77%, 90%
XYZ	21.6898, 18.6487, 76.5851
YIQ	109.1590, -74.1420, 22.0980

Conversions

Conversions Part 2

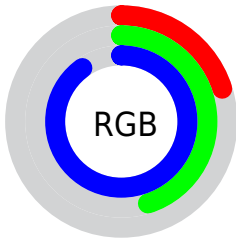
Format	Color
R_{YB}	52, 98, 229
Decimal	3437541
CIE _{Lab}	50.27, 19.88, -63.60
CIE _{LCh}	50, 66.636, 287.361
Yxy	18.6487, 0.1855, 0.1595
Android (android.graphics.Color)	4281627621 (0xFF3473E5)
YUV	109.1590, 59.0816, -50.1284
Hunter-Lab	43.1841, 14.0817, -74.9193

Details

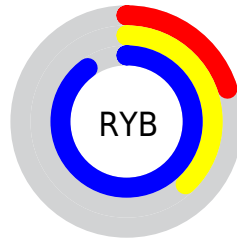
The YUV color **109.1590, 59.0816, -50.1284** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **171.8410, -59.0816, 50.1284**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.2890, 45.2135, -35.3335**, and **59.6380, 55.8875, -52.3025** is the 20% darker color. If you saturate the color by 10%, you get **93.4770, 66.8128, -56.5463**, and if you desaturate by 10%, it is **124.8410, 51.3504, -43.7106**.

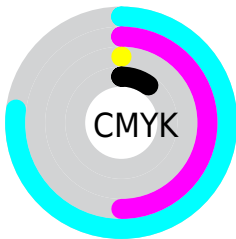
Distribution



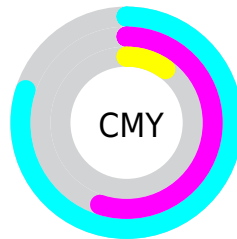
- Red (20%)
- Green (45%)
- Blue (90%)



- Red (20%)
- Yellow (38%)
- Blue (90%)



- Cyan (77%)
- Magenta (50%)
- Yellow (0%)
- Black (10%)



- Cyan (80%)
- Magenta (55%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.1590, 59.0816, -50.1284 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 109.1590, 59.0816, -50.1284 by changing the saturation by 10% instead.

■ 109.1590, 59.0816,
-50.1284

■ 109.1590, 59.0816,
-50.1284

■ 255.0000, 0.0000,
0.0000

■ 76.2170, 61.0250,
-66.8423

■ 163.2890, 45.2135,
-35.3335

■ 59.6380, 55.8875,
-52.3025

■ 188.7060, 32.6829,
-29.5602

■ 44.1190, 49.7343,
-38.6924

■ 214.1120, 20.1578,
-25.5312

■ 30.0020, 43.8760,
-26.3118

■ 239.8170, 7.4852,
-20.8875

■ 10.7160, 41.0590,
-9.3979

■ 252.6080, 1.1793,
-4.9182

■ 12.5620, 27.8239,
-11.0169

■ 7.0050, 19.2245,

-6.1434

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 109.1590, 59.0816,
-50.1284

■ 109.1590, 59.0816,
-50.1284

■ 93.4770, 66.8128,
-56.5463

■ 124.8410, 51.3504,
-43.7106

■ 78.3820, 74.2547,
-63.4790

■ 139.9360, 43.9086,
-36.7779

■ 74.2400, 76.2967,
-65.1085

■ 155.6180, 36.1773,
-30.3600

■ 171.3000, 28.4461,
-23.9421

■ 186.9820, 20.7149,
-17.5242

■ 201.7780, 13.4204,
-11.2063

■ 217.4600, 5.6892,
-4.7884

■ 233.1420, -2.0420,
1.6295

■ 247.9270, -9.3310,
6.2030

Harmonies

Analogous

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



104.4050, 62.4113, -91.5632



109.1590, 59.0816, -50.1284



122.5520, 36.7029, 34.5959

Triad

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



109.1590, 59.0816, -50.1284



112.3370, -37.6341, 77.7575



94.5430, -0.7607, -82.9142

Complementary

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



109.1590, 59.0816, -50.1284



171.8410, -59.0816, 50.1284

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.



95.5320, -30.8283, -52.2096



109.1590, 59.0816, -50.1284



112.4320, -55.4290, 45.2251

Square

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



109.1590, 59.0816, -50.1284



109.0860, -9.9024, 96.3946



108.6350, -53.5571, 4.7051



102.4430, 24.4316, -89.8425

Rectangle

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



109.1590, 59.0816, -50.1284



117.5150, 22.9171, 69.7083



108.6350, -53.5571, 4.7051



91.6760, -9.2073, -80.3999

Sweetspot

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



109.1590, 59.0816, -50.1284



215.0530, 19.6939, -16.7095



168.6670, -2.3008, -102.3170



103.7350, 11.9626, -10.2916



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.



109.1590, 59.0816, -50.1284



94.3260, 79.2123, -66.9379



79.3540, 73.7755, -2.9415



106.7160, 4.0840, -3.2589



57.9740, 59.6658, -50.8432



16.3800, 17.0677, -14.3653

Inverse Universe

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



112.1050, 1.4272, 102.5169



98.4390, 1.7556, 137.3040



201.6460, -73.7755, 2.9415



107.0440, -0.0217, 6.9774



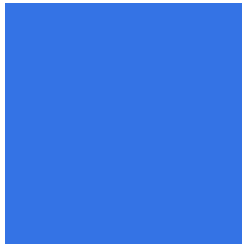
60.8170, 1.5692, 103.6465



17.3010, 0.3446, 29.5540

Previews

White Background



This preview shows how the YUV color 109.1590, 59.0816, -50.1284 looks on a white background.

Color Contrast Check

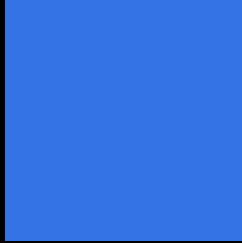
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 109.1590, 59.0816, -50.1284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

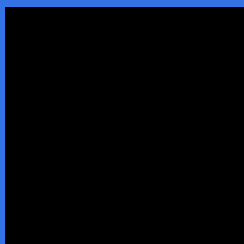
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

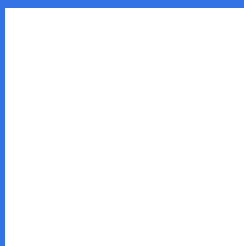
Any Text WCAG AAA × Fail

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

YUV 109.1590, 59.0816, -50.1284 Background



This preview shows how black text looks on a background with the YUV color 109.1590, 59.0816, -50.1284.



This preview shows how white text looks on a background with the YUV color 109.1590, 59.0816, -50.1284.

-50.1284.

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

109.1590, 59.0816, -50.1284

Protanopia

109.4580, 58.9342, -49.5137

Deuteranopia

95.1950, 57.5849, -83.4860



Tritanopia

93.5580, 23.3889, -82.0504

Trichromacy



Original Color

109.1590, 59.0816, -50.1284

Protanomaly

109.4580, 58.9342, -49.5137

Deuteranomaly

100.3860, 57.9837, -71.3755

Tritanomaly

99.3650, 36.3021, -70.4801

Monochromacy



Original Color

109.1590, 59.0816, -50.1284

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.9110, 21.7359, -18.3389

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.1590, 59.0816, -50.1284 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(52, 115, 229)` looks like.

```
.text, #text, p{  
    color:rgb(52, 115, 229)  
}
```

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(52, 115, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 115, 229) }
```

Border

The CSS property to change the border of an element to YUV 109.1590, 59.0816, -50.1284 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(52, 115, 229) }
```


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

```
.border{ border-color:rgb(52, 115, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 115, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 115, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 115, 229);  
box-shadow:4px 4px 4px 4px rgb(52, 115,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 109.1590, 59.0816, -50.1284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 115, 229) }
```

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

```
.background{ background-color: rgb(52, 115,  
229) }
```

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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