

Converting Colors

YUV(108.3740, 49.6086,
-45.0550)

Have a look what the booklet for
YUV(108.3740, 49.6086, -45.0550)
contains.

YUV(108.3740, 49.6086, -45.0550)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(108.3740, 49.6086,
-45.0550)**

Conversions

Conversions Part 1

Format	Color
Hex	3973D1
RGB	57, 115, 209
RGB Percent	22%, 45%, 82%
CMY	0.7765, 0.5490, 0.1804
CMYK	0.73, 0.45, 0.00, 0.18
HSL	217°, 62%, 52%
HSV	217°, 73%, 82%
XYZ	19.3267, 17.7348, 62.7261
YIQ	108.3740, -64.7420, 16.9380

Conversions

Conversions Part 2

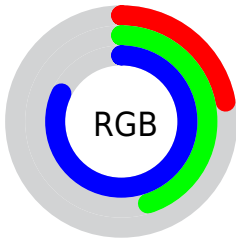
Format	Color
R_{YB}	57, 99, 209
Decimal	3765201
CIE _{Lab}	49.17, 13.10, -54.05
CIE _{LCh}	49, 55.614, 283.627
Yxy	17.7348, 0.1937, 0.1777
Android (android.graphics.Color)	4281955281 (0xFF3973D1)
YUV	108.3740, 49.6086, -45.0550
Hunter-Lab	42.1127, 8.2215, -58.8326

Details

The YUV color **108.3740, 49.6086, -45.0550** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **157.6260, -49.6086, 45.0550**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.9900, 45.3609, -35.9482**, and **57.4720, 47.5883, -50.4029** is the 20% darker color. If you saturate the color by 10%, you get **94.4640, 56.4662, -51.2729**, and if you desaturate by 10%, it is **122.2840, 42.7510, -38.8371**.

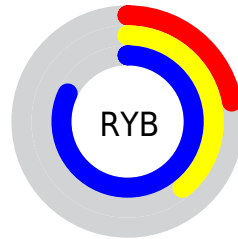
Distribution



Red (22%)

Green (45%)

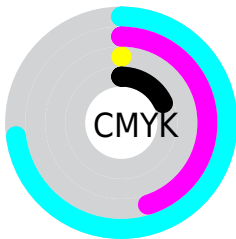
Blue (82%)



Red (22%)

Yellow (39%)

Blue (82%)

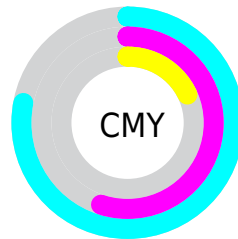


Cyan (73%)

Magenta (45%)

Yellow (0%)

Black (18%)



Cyan (78%)

Magenta (55%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.3740, 49.6086, -45.0550 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 108.3740, 49.6086, -45.0550 by changing the saturation by 10% instead.

■ 108.3740, 49.6086,
-45.0550

■ 108.3740, 49.6086,
-45.0550

255.0000, 0.0000,
0.0000

■ 74.0510, 52.7259,
-64.9427

■ 162.9900, 45.3609,
-35.9482

■ 57.4720, 47.5883,
-50.4029

■ 187.8090, 33.1252,
-31.4045

■ 42.0670, 41.8720,
-36.8928

■ 213.2150, 20.6000,
-27.3756

■ 27.4770, 36.7398,
-24.0973

■ 239.2080, 7.7855,
-23.8614

■ 9.9520, 33.0547,
-8.7279

■ 251.4120, 1.7689,
-7.3773

■ 8.9770, 21.7033,
-7.8728

■ 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 108.3740, 49.6086,
-45.0550

■ 108.3740, 49.6086,
-45.0550

■ 94.4640, 56.4662,
-51.2729

■ 122.2840, 42.7510,
-38.8371

■ 80.5540, 63.3239,
-57.4909

■ 136.1940, 35.8934,
-32.6191

■ 70.7860, 68.1395,
-62.0793

■ 150.1040, 29.0357,
-26.4012

■ 164.0140, 22.1781,
-20.1833

■ 177.9240, 15.3205,
-13.9653

■ 191.5350, 8.6102,
-8.3622

■ 204.8580, 2.0420,
-1.6295

■ 218.7680, -4.8156,
4.5885

■ 232.6780,
-11.6733, 10.8064

Harmonies

Analogous

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



99.3210, 53.0857, -87.1045



108.3740, 49.6086, -45.0550



120.0360, 32.5203, 22.7704

Triad

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



108.3740, 49.6086, -45.0550



112.7470, -29.4553, 67.7509



90.5650, -0.7715, -79.4255

Complementary

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



108.3740, 49.6086, -45.0550



157.6260, -49.6086, 45.0550

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.



101.8210, -28.9988, -32.2920



108.3740, 49.6086, -45.0550



111.3700, -48.0034, 43.5255

Square

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



108.3740, 49.6086, -45.0550



112.2470, -7.5168, 77.8364



107.1350, -51.8316, 11.2826



97.3250, 20.0528, -85.3540

Rectangle

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



108.3740, 49.6086, -45.0550



118.4220, 20.4980, 52.2499



107.1350, -51.8316, 11.2826



88.1540, -7.4709, -77.3111

Sweetspot

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



108.3740, 49.6086, -45.0550



217.7110, 18.3835, -16.4095



156.9400, -2.9284, -87.6474



105.5070, 11.0890, -10.0916



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.



108.3740, 49.6086, -45.0550



108.2030, 72.3709, -65.9530



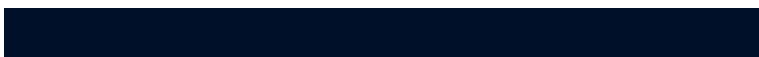
79.7100, 63.7400, -4.1307



97.6020, 3.6472, -3.1590



56.7200, 54.8610, -49.7434



14.0660, 13.2785, -12.3359

Inverse Universe

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



109.0600, 2.9284, 87.6474



109.0680, 4.4035, 127.9824



186.2900, -63.7400, 4.1307



97.7450, 0.1257, 6.3626



57.5280, 3.1907, 96.8839



14.0830, 0.9451, 23.6062

Previews

White Background



This preview shows how the YUV color 108.3740, 49.6086, -45.0550 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 108.3740, 49.6086, -45.0550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

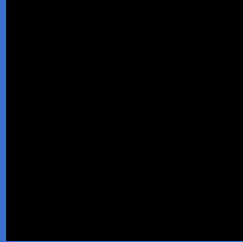
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 108.3740, 49.6086, -45.0550

Background



This preview shows how black text looks on a background with the YUV color 108.3740, 49.6086, -45.0550.



This preview shows how white text looks on a background with the YUV color 108.3740, 49.6086, -45.0550.

-45.0550.

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

108.3740, 49.6086, -45.0550

Protanopia

111.4570, 47.1027, -34.6038

Deuteranopia

99.8550, 53.3155, -67.4018



Tritanopia

91.5690, 23.3835, -80.3060

Trichromacy



Original Color

108.3740, 49.6086, -45.0550

Protanomaly

110.6630, 47.9871, -38.2925

Deuteranomaly

102.8560, 51.8360, -59.5097

Tritanomaly

97.7630, 32.6548, -67.3212

Monochromacy



Original Color

108.3740, 49.6086, -45.0550

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.2980, 18.0941, -16.9243

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.3740, 49.6086, -45.0550 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(57, 115, 209)` looks like.

```
.text, #text, p{  
    color:rgb(57, 115, 209)  
}
```

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(57, 115, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 115, 209) }
```

Border

The CSS property to change the border of an element to YUV 108.3740, 49.6086, -45.0550 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(57, 115, 209) }
```


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

```
.border{ border-color:rgb(57, 115, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 115, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 115, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 115, 209);  
box-shadow:4px 4px 4px 4px rgb(57, 115,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 108.3740, 49.6086, -45.0550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 115, 209) }
```

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

```
.background{ background-color: rgb(57, 115,  
209) }
```

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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