

Converting Colors

YUV(77.9610, 49.3192,
-45.5698)

Have a look what the booklet for
YUV(77.9610, 49.3192, -45.5698)
contains.

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Color

**YUV(77.9610, 49.3192,
-45.5698)**

Conversions

Conversions Part 1

Format	Color
Hex	1A55B2
RGB	26, 85, 178
RGB Percent	10%, 33%, 70%
CMY	0.8980, 0.6667, 0.3020
CMYK	0.85, 0.52, 0.00, 0.30
HSL	217°, 75%, 40%
HSV	217°, 85%, 70%
XYZ	11.7104, 9.9310, 43.4191
YIQ	77.9610, -65.0170, 16.4150

Conversions

Conversions Part 2

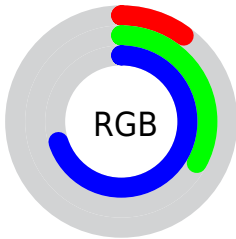
Format	Color
R _Y B	26, 69, 178
Decimal	1725874
CIE Lab	37.72, 17.25, -54.59
CIE LCh	38, 57.254, 287.539
Yxy	9.9310, 0.1800, 0.1526
Android (android.graphics.Color)	4279915954 (0xFF1A55B2)
YUV	77.9610, 49.3192, -45.5698
Hunter-Lab	31.5134, 11.1820, -59.6302

Details

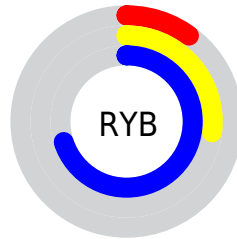
The YUV color **77.9610, 49.3192, -45.5698** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **126.0390, -49.3192, 45.5698**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.9350, 48.8390, -31.5150**, and **38.2030, 42.2979, -33.5040** is the 20% darker color. If you saturate the color by 10%, you get **66.1220, 55.1559, -50.9730**, and if you desaturate by 10%, it is **89.8000, 43.4826, -40.1666**.

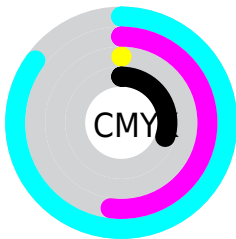
Distribution



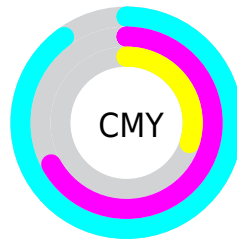
- Red (10%)
- Green (33%)
- Blue (70%)



- Red (10%)
- Yellow (27%)
- Blue (70%)



- Cyan (85%)
- Magenta (52%)
- Yellow (0%)
- Black (30%)



- Cyan (90%)
- Magenta (67%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.9610, 49.3192, -45.5698 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 77.9610, 49.3192, -45.5698 by changing the saturation by 10% instead.

■ 77.9610, 49.3192,
-45.5698

■ 77.9610, 49.3192,
-45.5698

■ 255.0000, 0.0000,
0.0000

■ 53.6080, 48.0143,
-47.0142

■ 134.9350, 48.8390,
-31.5150

■ 38.2030, 42.2979,
-33.5040

■ 161.5610, 46.0654,
-28.5560

■ 24.7870, 36.5870,
-21.7382

■ 186.3800, 33.8297,
-24.0123

■ 10.1970, 31.4549,
-8.9428

■ 210.9000, 21.7413,
-20.0833

■ 8.1620, 21.1191,
-7.1581

■ 236.8930, 8.9268,
-16.5692

■ 4.4800, 12.0884,
-3.9290

■ 252.9070, 1.0318,

■ 0.0000, 0.0000,

-4.3034

0.0000

■ 77.9610, 49.3192,
-45.5698

■ 77.9610, 49.3192,
-45.5698

■ 66.1220, 55.1559,
-50.9730

■ 89.8000, 43.4826,
-40.1666

■ 60.7950, 57.7821,
-53.3172

■ 101.6390, 37.6460,
-34.7634

■ 113.1790, 31.9568,
-29.9750

■ 125.0180, 26.1201,
-24.5718

■ 136.2700, 20.5729,
-18.6538

■ 148.1090, 14.7363,
-13.2506

■ 159.9480, 8.8996,
-7.8474

■ 171.4880, 3.2104,
-3.0590

■ 183.3270, -2.6262,
2.3442

Harmonies

Analogous

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



79.2200, 49.6845, -69.4759



77.9610, 49.3192, -45.5698



90.4990, 30.3200, 28.5034

Triad

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



77.9610, 49.3192, -45.5698



82.2580, -31.1862, 62.9177



71.0340, -1.9888, -62.2968

Complementary

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



77.9610, 49.3192, -45.5698



126.0390, -49.3192, 45.5698

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.



66.4600, -24.8768, -47.7614



77.9610, 49.3192, -45.5698



84.0360, -41.4297, 35.0484

Square

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



77.9610, 49.3192, -45.5698



77.7850, -6.7960, 79.9956



80.5820, -39.7269, 2.1206



77.0930, 18.6882, -67.6106

Rectangle

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



77.9610, 49.3192, -45.5698



85.5260, 19.4607, 58.2977



80.5820, -39.7269, 2.1206



68.6230, -8.6881, -60.1824

Sweetspot

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



77.9610, 49.3192, -45.5698



192.3410, 19.5519, -17.8391



125.5980, -4.2388, -87.3474



93.3220, 11.6733, -10.8064



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.



77.9610, 49.3192, -45.5698



79.2780, 75.2919, -69.5268



47.8130, 64.1822, -5.9750



83.3740, 2.7736, -2.9590



52.0750, 49.7560, -45.6698



8.8340, 8.4628, -7.7474

Inverse Universe

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



78.1740, 3.3652, 87.5474



79.6280, 5.1134, 133.6302



156.1870, -64.1822, 5.9750



83.1470, 0.4205, 5.1331



52.4730, 3.2178, 88.1622



8.9140, 0.5354, 14.9844

Previews

White Background



This preview shows how the YUV color 77.9610, 49.3192, -45.5698 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 ✓ Pass

Black Background



This preview shows how the YUV color 77.9610, 49.3192, -45.5698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 77.9610, 49.3192, -45.5698

Background



This preview shows how black text looks on a background with the YUV color 77.9610, 49.3192, -45.5698.



This preview shows how white text looks on a background with the YUV color 77.9610, 49.3192,

-45.5698.

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

77.9610, 49.3192, -45.5698

Protanopia

76.7650, 49.9089, -48.0289

Deuteranopia

71.3150, 42.2427, -62.5433



Tritanopia

69.4960, 17.5035, -60.9480

Trichromacy



Original Color

77.9610, 49.3192, -45.5698

Protanomaly

77.0640, 49.7614, -47.4141

Deuteranomaly

73.7440, 44.9892, -56.7805

Tritanomaly

72.3300, 29.4173, -55.5404

Monochromacy



Original Color

77.9610, 49.3192, -45.5698

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.1840, 17.6573, -16.8244

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.9610, 49.3192, -45.5698 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(26, 85, 178)` looks like.

```
.text, #text, p{  
    color:rgb(26, 85, 178)  
}
```

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(26, 85, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 85, 178) }
```

Border

The CSS property to change the border of an element to YUV 77.9610, 49.3192, -45.5698 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(26, 85, 178) }
```


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

```
.border{ border-color:rgb(26, 85, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 85, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 85, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 85, 178);  
box-shadow:4px 4px 4px 4px rgb(26, 85,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 77.9610, 49.3192, -45.5698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 85, 178) }
```

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

```
.background{ background-color: rgb(26, 85,  
178) }
```

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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