

Converting Colors

YUV(65.7060, 45.9939,
-52.3622)

Have a look what the booklet for
YUV(65.7060, 45.9939, -52.3622)
contains.

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Color

**YUV(65.7060, 45.9939,
-52.3622)**

Conversions

Conversions Part 1

Format	Color
Hex	064E9F
RGB	6, 78, 159
RGB Percent	2%, 31%, 62%
CMY	0.9765, 0.6941, 0.3765
CMYK	0.96, 0.51, 0.00, 0.38
HSL	212°, 93%, 32%
HSV	212°, 96%, 62%
XYZ	9.0575, 7.9907, 33.8659
YIQ	65.7060, -68.9130, 9.9270

Conversions

Conversions Part 2

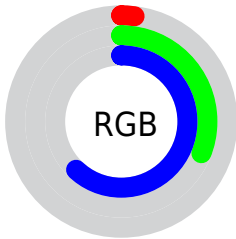
Format	Color
R _Y B	6, 55, 159
Decimal	413343
CIE Lab	33.96, 13.02, -49.36
CIE LCh	34, 51.052, 284.777
Yxy	7.9907, 0.1779, 0.1569
Android (android.graphics.Color)	4278603423 (0xFF064E9F)
YUV	65.7060, 45.9939, -52.3622
Hunter-Lab	28.2678, 7.7258, -51.2441

Details

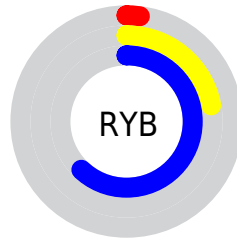
The YUV color **65.7060, 45.9939, -52.3622** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **99.2940, -45.9939, 52.3622**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.6700, 44.0397, -32.1596**, and **32.7430, 36.6087, -28.7156** is the 20% darker color. If you saturate the color by 10%, you get **62.1510, 47.7466, -54.5064**, and if you desaturate by 10%, it is **75.1860, 41.3203, -46.6441**.

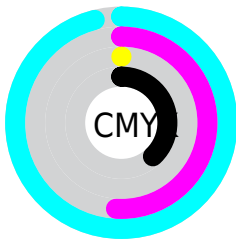
Distribution



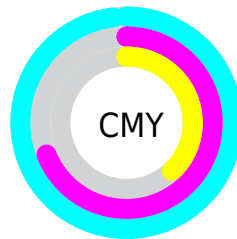
- Red (2%)
- Green (31%)
- Blue (62%)



- Red (2%)
- Yellow (22%)
- Blue (62%)



- Cyan (96%)
- Magenta (51%)
- Yellow (0%)
- Black (38%)



- Cyan (98%)
- Magenta (69%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.7060, 45.9939, -52.3622 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 65.7060, 45.9939, -52.3622 by changing the saturation by 10% instead.

■ 65.7060, 45.9939,
-52.3622

■ 65.7060, 45.9939,
-52.3622

■ 255.0000, 0.0000,
0.0000

■ 47.9200, 41.4514,
-42.0258

■ 124.6700, 44.0397,
-32.1596

■ 32.7430, 36.6087,
-28.7156

■ 151.9090, 44.9079,
-30.6152

■ 17.5660, 31.7660,
-15.4054

■ 177.7970, 38.0611,
-27.8860

■ 9.5470, 23.8873,
-8.3727

■ 202.6160, 25.8253,
-23.3422

■ 5.2780, 15.1459,
-4.6288

■ 227.7230, 13.4476,
-19.9281

■ 1.2540, 4.8048,
-1.0998

■ 249.0200, 2.9481,

■ 0.0000, 0.0000,

-12.2955

0.0000

■ 65.7060, 45.9939,
-52.3622

■ 65.7060, 45.9939,
-52.3622

■ 62.1510, 47.7466,
-54.5064

■ 75.1860, 41.3203,
-46.6441

■ 85.2530, 36.3573,
-41.4409

■ 94.7330, 31.6836,
-35.7228

■ 104.8000, 26.7206,
-30.5196

■ 114.2800, 22.0470,
-24.8016

■ 124.0480, 17.2313,
-20.2131

■ 133.5280, 12.5577,
-14.4951

■ 143.0080, 7.8841,
-8.7770

■ 153.0750, 2.9210,
-3.5738

Harmonies

Analogous

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



70.9560, 43.4057, -62.2284



65.7060, 45.9939, -52.3622



82.0590, 27.5789, 20.9963

Triad

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



65.7060, 45.9939, -52.3622



74.4190, -25.3496, 57.5145



63.4370, -3.1734, -55.6342

Complementary

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



65.7060, 45.9939, -52.3622



99.2940, -45.9939, 52.3622

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.



63.5590, -24.9256, -32.0622



65.7060, 45.9939, -52.3622



75.1760, -37.0618, 34.0486

Square

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



65.7060, 45.9939, -52.3622



71.5880, -4.7269, 69.6443



72.9290, -35.9540, 5.3243



68.8120, 14.8827, -60.3481

Rectangle

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



65.7060, 45.9939, -52.3622



78.7050, 17.8934, 47.6167



72.9290, -35.9540, 5.3243



61.2540, -8.9992, -53.7198

Sweetspot

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



65.7060, 45.9939, -52.3622



170.2760, 18.1049, -20.4131



104.8170, -9.7698, -86.6625



82.1970, 11.2419, -12.4508



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



65.7060, 45.9939, -52.3622



80.5370, 62.3463, -70.6309



24.3390, 66.3879, -13.4523



74.2600, 2.3368, -2.8590



55.6310, 43.0729, -48.7884



5.8190, 4.5262, -5.1033

Inverse Universe

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



59.9550, 8.8962, 86.8625



72.9510, 11.8562, 117.5610



140.6610, -66.3879, 13.4523



73.8480, 0.5679, 4.5183



50.3950, 8.1863, 81.2146



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 65.7060, 45.9939, -52.3622 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 65.7060, 45.9939, -52.3622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

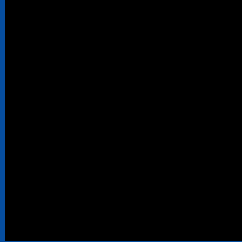
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.7060, 45.9939, -52.3622

Background



This preview shows how black text looks on a background with the YUV color 65.7060, 45.9939, -52.3622.



This preview shows how white text looks on a background with the YUV color 65.7060, 45.9939,

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

65.7060, 45.9939, -52.3622

Protanopia

71.5830, 42.6036, -38.2223

Deuteranopia

64.3220, 38.2953, -56.4104



Tritanopia

62.9590, 15.3032, -55.2150

Trichromacy



Original Color

65.7060, 45.9939, -52.3622

Protanomaly

69.1910, 43.7828, -43.1405

Deuteranomaly

65.0170, 40.9106, -55.2659

Tritanomaly

63.9450, 26.6491, -54.3258

Monochromacy



Original Color

65.7060, 45.9939, -52.3622

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.6460, 16.9365, -18.9835

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.7060, 45.9939, -52.3622 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(6, 78, 159)` looks like.

```
.text, #text, p{  
    color:rgb(6, 78, 159)  
}
```

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(6, 78, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 78, 159) }
```

Border

The CSS property to change the border of an element to YUV 65.7060, 45.9939, -52.3622 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(6, 78, 159) }
```


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

```
.border{ border-color:rgb(6, 78, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 78, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 78, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 78, 159);  
box-shadow:4px 4px 4px 4px rgb(6, 78, 159)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.7060, 45.9939, -52.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 78, 159) }
```

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

```
.background{ background-color: rgb(6, 78,  
159) }
```

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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