

Converting Colors

YUV(75.2250, 52.1471,
-65.9723)

Have a look what the booklet for
YUV(75.2250, 52.1471, -65.9723)
contains.

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Color

**YUV(75.2250, 52.1471,
-65.9723)**

Conversions

Conversions Part 1	
Format	Color
Hex	005DB5
RGB	0, 93, 181
RGB Percent	0%, 36%, 71%
CMY	1.0000, 0.6353, 0.2902
CMYK	1.00, 0.49, 0.00, 0.29
HSL	209°, 100%, 35%
HSV	209°, 100%, 71%
XYZ	12.2548, 11.1649, 45.2252
YIQ	75.2250, -83.6760, 7.6520

Conversions

Conversions Part 2

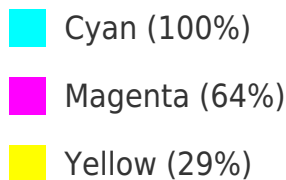
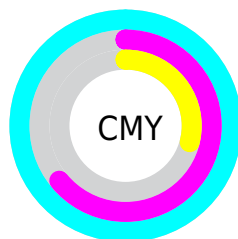
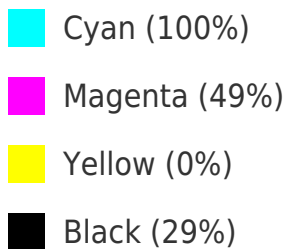
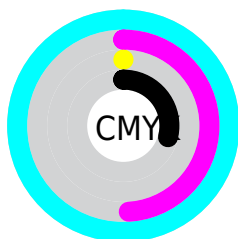
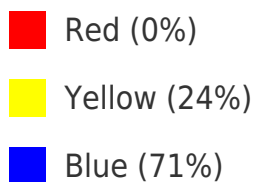
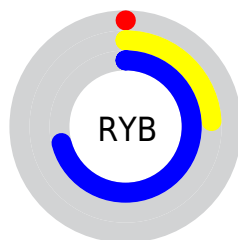
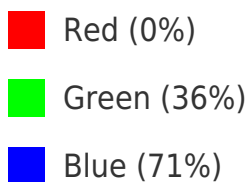
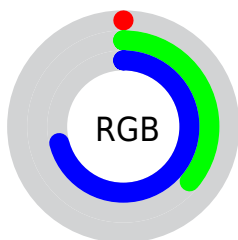
Format	Color
RYB	0, 61, 181
Decimal	23989
CIELab	39.86, 11.83, -52.92
CIELCh	40, 54.226, 282.605
Yxy	11.1649, 0.1785, 0.1626
Android (android.graphics.Color)	4278214069 (0xFF005DB5)
YUV	75.2250, 52.1471, -65.9723
Hunter-Lab	33.4139, 6.9921, -56.8583

Details

The YUV color **75.2250, 52.1471, -65.9723** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **105.7750, -52.1471, 65.9723**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.5810, 49.0136, -40.8515**, and **42.6540, 41.5826, -37.4076** is the 20% darker color. If you saturate the color by 10%, you get **75.2250, 52.1471, -65.9723**, and if you desaturate by 10%, it is **85.8900, 46.8892, -59.5395**.


Distribution





Brightness & Saturation Gradients


These gradients show how the YUV color 75.2250, 52.1471, -65.9723 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 75.2250, 52.1471, -65.9723 by changing the saturation by 10% instead.


 75.2250, 52.1471,
-65.9723

 75.2250, 52.1471,
-65.9723


 255.0000, 0.0000,
0.0000


 58.6460, 47.0095,
-51.4325


 138.5810, 49.0136,
-40.8515


 42.6540, 41.5826,
-37.4076

 165.0500, 44.3454,
-36.8778


 28.6510, 36.1611,
-25.1269


 189.8690, 32.1096,
-32.3341

 9.3650, 33.3441,
-8.2131

 215.2750, 19.5844,
-28.3052

 8.9770, 21.7033,
-7.8728

 240.6810, 7.0593,
-24.2762

 4.7080, 12.9620,
-4.1289

 251.4120, 1.7689,

 0.2280, 0.8736,

-7.3773

-0.2000

0.0000, 0.0000,
0.0000

75.2250, 52.1471,
-65.9723

85.8900, 46.8892,
-59.5395

96.5550, 41.6314,
-53.1067

106.6330, 36.6629,
-46.1591

117.2980, 31.4051,
-39.7263

128.2620, 25.9998,
-32.6788

■ 138.9270, 20.7420,
-26.2460

■ 149.5920, 15.4841,
-19.8132

■ 159.6700, 10.5157,
-12.8656

■ 170.3350, 5.2578,
-6.4328

Harmonies

Analogous

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



82.6280, 47.5114, -72.4648



75.2250, 52.1471, -65.9723



96.6720, 31.2207, 19.5817

Triad

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



75.2250, 52.1471, -65.9723



88.5230, -26.3868, 63.5623



73.2680, -3.5831, -64.2560

Complementary

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



75.2250, 52.1471, -65.9723



105.7750, -52.1471, 65.9723

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.



78.1310, -29.1516, -29.9329



75.2250, 52.1471, -65.9723



88.4990, -43.6300, 40.7814

Square

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



75.2250, 52.1471, -65.9723



86.6210, -4.7432, 74.8774



86.5290, -42.6588, 9.1831



79.6860, 15.9308, -69.8846

Rectangle

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



75.2250, 52.1471, -65.9723



93.9870, 20.2194, 48.2464



86.5290, -42.6588, 9.1831



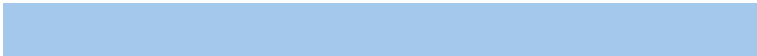
70.9710, -9.8457, -62.2416

Sweetspot

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



75.2250, 52.1471, -65.9723



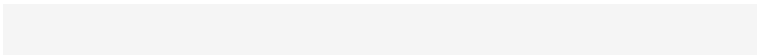
193.2260, 20.5946, -25.6312



116.1650, -14.3783, -101.8767



92.7020, 11.9789, -15.5247



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.



75.2250, 52.1471, -65.9723



97.8170, 67.6312, -85.7855



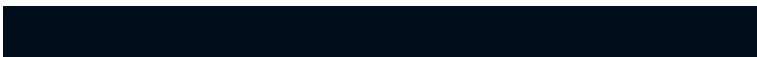
22.3950, 78.1923, -19.6404



83.9610, 2.4842, -3.4738



63.8150, 43.9682, -55.9658



10.5950, 7.5947, -9.2918

Inverse Universe

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



64.7210, 13.9415, 101.9767



84.0590, 18.2119, 132.3753



158.6050, -78.1923, 19.6404



83.2610, 0.8573, 5.0331



54.7530, 11.9538, 86.1626



9.2560, 1.8458, 14.6845

Previews

White Background



This preview shows how the YUV color 75.2250, 52.1471, -65.9723 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 75.2250, 52.1471, -65.9723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

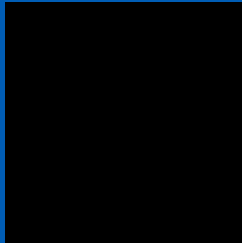
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.2250, 52.1471, -65.9723

Background



This preview shows how black text looks on a background with the YUV color 75.2250, 52.1471, -65.9723.



This preview shows how white text looks on a background with the YUV color 75.2250, 52.1471, -65.9723.

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

75.2250, 52.1471, -65.9723

Protanopia

87.2780, 45.2189, -37.0778

Deuteranopia

75.3900, 45.1637, -66.1170

Trichromacy



Original Color

75.2250, 52.1471, -65.9723

Protanomaly

83.1950, 47.7249, -47.5290

Deuteranomaly

75.3730, 47.6371, -66.1021

Monochromacy



Original Color

75.2250, 52.1471, -65.9723

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.4820, 18.9894, -24.1017

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.2250, 52.1471, -65.9723 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(0, 93, 181)` looks like.

```
.text, #text, p{  
    color:rgb(0, 93, 181)  
}
```

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(0, 93, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 93, 181) }
```

Border

The CSS property to change the border of an element to YUV 75.2250, 52.1471, -65.9723 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(0, 93, 181) }
```

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

```
.border{ border-color:rgb(0, 93, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 93, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 93, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 93, 181);  
box-shadow:4px 4px 4px 4px rgb(0, 93, 181)  
}
```


Background

The CSS property to change the background color of an element to YUV 75.2250, 52.1471, -65.9723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 93, 181) }
```

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

```
.background{ background-color: rgb(0, 93,  
181) }
```

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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