

Converting Colors

YUV(99.2250, 52.1471,
-65.9723)

Have a look what the booklet for
YUV(99.2250, 52.1471, -65.9723)
contains.

YUV(99.2250, 52.1471, -65.9723)	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(99.2250, 52.1471,
-65.9723)**

Conversions

Conversions Part 1

Format	Color
Hex	1875CD
RGB	24, 117, 205
RGB Percent	9%, 46%, 80%
CMY	0.9059, 0.5412, 0.1961
CMYK	0.88, 0.43, 0.00, 0.20
HSL	209°, 79%, 45%
HSV	209°, 88%, 80%
XYZ	17.7574, 17.3245, 60.1657
YIQ	99.2250, -83.6760, 7.6520

Conversions

Conversions Part 2

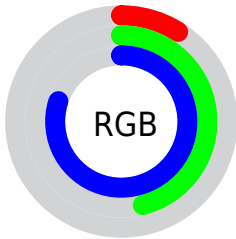
Format	Color
R _Y B	24, 85, 205
Decimal	1603021
CIE Lab	48.67, 7.10, -52.63
CIE LCh	49, 53.102, 277.686
Yxy	17.3245, 0.1864, 0.1819
Android (android.graphics.Color)	4279793101 (0xFF1875CD)
YUV	99.2250, 52.1471, -65.9723
Hunter-Lab	41.6228, 3.3132, -56.5677

Details

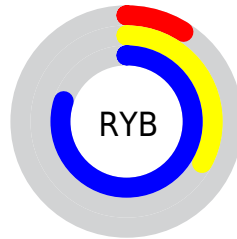
The YUV color **99.2250, 52.1471, -65.9723** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **129.7750, -52.1471, 65.9723**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.3690, 47.1461, -48.5586**, and **58.1900, 45.2623, -51.0326** is the 20% darker color. If you saturate the color by 10%, you get **87.3750, 57.9891, -73.1199**, and if you desaturate by 10%, it is **111.3740, 46.1576, -58.2100**.

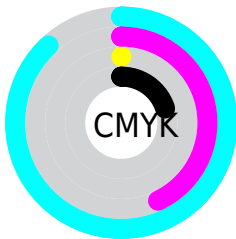
Distribution



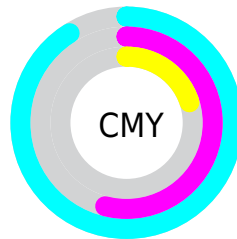
- Red (9%)
- Green (46%)
- Blue (80%)



- Red (9%)
- Yellow (33%)
- Blue (80%)



- Cyan (88%)
- Magenta (43%)
- Yellow (0%)
- Black (20%)



- Cyan (91%)
- Magenta (54%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.2250, 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 99.2250, 52.1471, -65.9723 by changing the saturation by 10% instead.

■ 99.2250, 52.1471,
-65.9723

■ 99.2250, 52.1471,
-65.9723

255.0000, 0.0000,
0.0000

■ 74.7690, 50.3999,
-65.5724

■ 159.3690, 47.1461,
-48.5586

■ 58.1900, 45.2623,
-51.0326

■ 184.7860, 34.6155,
-42.7853

■ 42.3120, 40.2722,
-37.1076

■ 209.6050, 22.3797,
-38.2416

■ 28.1950, 34.4139,
-24.7270

■ 235.8970, 9.4178,
-34.1127

■ 13.1320, 30.0079,
-11.5168

■ 246.6280, 4.1274,
-17.2138

■ 8.0480, 20.6823,
-7.0581

■ 4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 99.2250, 52.1471,
-65.9723

■ 99.2250, 52.1471,
-65.9723

■ 87.3750, 57.9891,
-73.1199

■ 111.3740, 46.1576,
-58.2100

■ 85.0050, 59.1575,
-74.5494

■ 123.2240, 40.3156,
-51.0624

■ 135.3730, 34.3261,
-43.3001

■ 147.2230, 28.4841,
-36.1526

■ 159.0730, 22.6420,
-29.0050

■ 171.2220, 16.6526,
-21.2427

■ 183.3710, 10.6631,
-13.4804

■ 195.2210, 4.8210,
-6.3328

■ 207.3700, -1.1684,
1.4295

Harmonies

Analogous

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



98.4090, 49.5914, -86.3047



99.2250, 52.1471, -65.9723



118.3120, 33.8632, 12.0044

Triad

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



99.2250, 52.1471, -65.9723



112.1260, -24.2191, 68.2955



87.7780, -3.8346, -76.9813

Complementary

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



99.2250, 52.1471, -65.9723



129.7750, -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.



103.0890, -32.0889, -21.1261



99.2250, 52.1471, -65.9723



111.7000, -41.7571, 46.7441

Square

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



99.2250, 52.1471, -65.9723



112.3650, -3.1379, 73.3479



107.5640, -49.0851, 17.0454



94.7830, 15.3900, -83.1247

Rectangle

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



99.2250, 52.1471, -65.9723



118.2250, 22.5671, 41.8987



107.5640, -49.0851, 17.0454



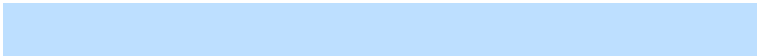
92.9560, -13.7823, -59.5974

Sweetspot

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



99.2250, 52.1471, -65.9723



216.4820, 18.9894, -24.1017



140.1650, -14.3783, -101.8767



104.3000, 11.6841, -14.2951



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.



99.2250, 52.1471, -65.9723



105.9670, 73.4733, -92.9331



46.3950, 78.1923, -19.6404



96.0750, 2.9210, -3.5738



68.8190, 47.9102, -60.3543



16.0720, 10.8105, -14.0951

Inverse Universe

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



88.7210, 13.9415, 101.9767



91.1790, 19.6318, 143.6710



182.6050, -78.1923, 19.6404



95.5600, 0.7099, 5.6479



59.3240, 12.6583, 93.5549



13.6420, 3.1345, 21.3620

Previews

White Background



This preview shows how the YUV color 99.2250, 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 99.2250, 52.1471, -65.9723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

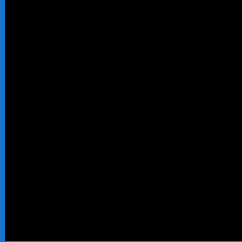
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.2250, 52.1471, -65.9723

Background



This preview shows how black text looks on a background with the YUV color 99.2250, 52.1471, -65.9723.



This preview shows how white text looks on a background with the YUV color 99.2250, 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

99.2250, 52.1471, -65.9723

Protanopia

110.9690, 43.8923, -31.5448

Deuteranopia

100.4210, 51.5574, -63.5132



Tritanopia

90.7540, 22.7993, -79.5913

Trichromacy



Original Color

99.2250, 52.1471, -65.9723

Protanomaly

106.6900, 46.9878, -44.4551

Deuteranomaly

100.1220, 51.7049, -64.1280

Tritanomaly

93.9470, 33.5501, -74.4985

Monochromacy



Original Color

99.2250, 52.1471, -65.9723

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.4820, 18.9894, -24.1017

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.2250, 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(24, 117, 205)` looks like.

```
.text, #text, p{  
    color:rgb(24, 117, 205)  
}
```

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(24, 117, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 117, 205) }
```

Border

The CSS property to change the border of an element to YUV 99.2250, 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(24, 117, 205) }
```


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

```
.border{ border-color:rgb(24, 117, 205) }
```

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

Here you see how a box with a 4 pixel rgb(24, 117, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 117, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 117, 205);  
box-shadow:4px 4px 4px 4px rgb(24, 117,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 99.2250, 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(24, 117, 205) }
```

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

```
.background{ background-color: rgb(24, 117,  
205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor