

Converting Colors

YUV(65.5020, 58.9125,
-42.5363)

Have a look what the booklet for
YUV(65.5020, 58.9125, -42.5363)
contains.

YUV(65.5020, 58.9125, -42.5363)	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(65.5020, 58.9125,
-42.5363)**

Conversions

Conversions Part 1

Format	Color
Hex	1143B9
RGB	17, 67, 185
RGB Percent	7%, 26%, 73%
CMY	0.9333, 0.7373, 0.2745
CMYK	0.91, 0.64, 0.00, 0.27
HSL	222°, 83%, 40%
HSV	222°, 91%, 73%
XYZ	10.9953, 7.6363, 46.7934
YIQ	65.5020, -67.6780, 26.0980

Conversions

Conversions Part 2

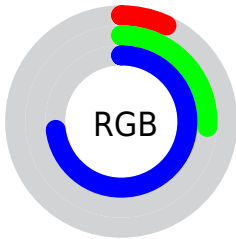
Format	Color
R_{YB}	17, 56, 185
Decimal	1131449
CIE _{Lab}	33.21, 31.50, -66.08
CIE _{LCh}	33, 73.202, 295.488
Yxy	7.6363, 0.1681, 0.1167
Android (android.graphics.Color)	4279321529 (0xFF1143B9)
YUV	65.5020, 58.9125, -42.5363
Hunter-Lab	27.6338, 22.6647, -81.0544

Details

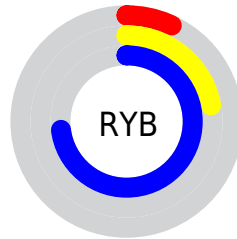
The YUV color **65.5020, 58.9125, -42.5363** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **136.4980, -58.9125, 42.5363**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.6940, 57.8319, -22.5336**, and **30.1960, 49.6964, -26.4819** is the 20% darker color. If you saturate the color by 10%, you get **53.3750, 64.8911, -46.8099**, and if you desaturate by 10%, it is **78.5150, 52.4971, -38.1627**.

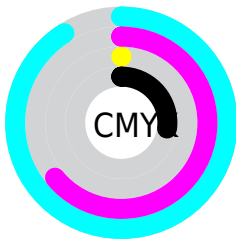
Distribution



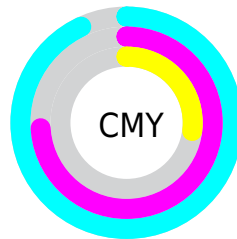
- Red (7%)
- Green (26%)
- Blue (73%)



- Red (7%)
- Yellow (22%)
- Blue (73%)



- Cyan (91%)
- Magenta (64%)
- Yellow (0%)
- Black (27%)



- Cyan (93%)
- Magenta (74%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.5020, 58.9125, -42.5363 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 65.5020, 58.9125, -42.5363 by changing the saturation by 10% instead.

■ 65.5020, 58.9125,
-42.5363

■ 65.5020, 58.9125,
-42.5363

■ 255.0000, 0.0000,
0.0000

■ 44.3130, 55.5547,
-38.8625

■ 124.6940, 57.8319,
-22.5336

■ 30.1960, 49.6964,
-26.4819

■ 150.1200, 51.7058,
-17.6452

■ 14.3180, 44.7062,
-12.5569

■ 174.3520, 39.7595,
-12.5867

■ 13.8160, 32.6287,
-12.1166

■ 199.4700, 27.3763,
-7.4282

■ 9.3190, 23.0137,
-8.1728

■ 224.8760, 14.8511,
-3.3993

■ 4.9360, 13.8356,
-4.3289

■ 250.8690, 2.0366,

■ 0.6840, 2.6208,

0.1149

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 65.5020, 58.9125,
-42.5363

■ 65.5020, 58.9125,
-42.5363

■ 53.3750, 64.8911,
-46.8099

■ 78.5150, 52.4971,
-38.1627

■ 91.8270, 45.9343,
-33.1743

■ 104.8400, 39.5189,
-28.8007

■ 118.1520, 32.9561,
-23.8123

■ 131.4640, 26.3932,
-18.8239

■ 144.4770, 19.9778,
-14.4503

■ 157.7890, 13.4150,
-9.4620

■ 170.8020, 6.9996,
-5.0884

■ 183.8150, 0.5842,
-0.7148

Harmonies

Analogous

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



74.5870, 59.8566, -65.4128



65.5020, 58.9125, -42.5363



66.8740, 38.5161, 59.7465

Triad

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



65.5020, 58.9125, -42.5363



68.0090, -33.5284, 67.5211



66.3380, 0.3264, -58.1784

Complementary

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



65.5020, 58.9125, -42.5363



136.4980, -58.9125, 42.5363

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.



56.3520, -27.7815, -49.4207



65.5020, 58.9125, -42.5363



73.9470, -36.4559, 26.3565

Square

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



65.5020, 58.9125, -42.5363



54.5920, -10.6449, 101.2128



65.9970, -32.5365, -17.5374



73.7650, 26.2449, -64.6919

Rectangle

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



65.5020, 58.9125, -42.5363



61.1630, 23.5836, 89.3110



65.9970, -32.5365, -17.5374



63.4710, -8.1202, -55.6641

Sweetspot

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



65.5020, 58.9125, -42.5363



193.5630, 22.8934, -16.2798



129.0680, 2.9245, -98.2836



92.4900, 13.5624, -10.0767



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



65.5020, 58.9125, -42.5363



69.0370, 84.2848, -60.5454



46.3180, 68.3702, 4.1061



85.2000, 3.3524, -1.9294



44.7860, 54.8285, -39.2773



7.8880, 9.9152, -6.9178

Inverse Universe

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



72.9320, -2.9245, 98.2836



79.8540, -4.3650, 140.4480



155.6820, -68.3702, -4.1061



85.9190, -0.4531, 5.3330



51.8880, -2.9028, 91.3062



9.2840, -0.6330, 16.4139

Previews

White Background



This preview shows how the YUV color 65.5020, 58.9125, -42.5363 looks on a white background.

Color Contrast Check

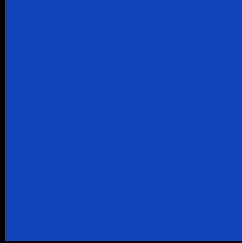
Large Text (above 18pt) WCAG AA ✓ Pass

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 65.5020, 58.9125, -42.5363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

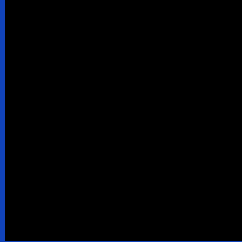
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.5020, 58.9125, -42.5363

Background



This preview shows how black text looks on a background with the YUV color 65.5020, 58.9125, -42.5363.



This preview shows how white text looks on a background with the YUV color 65.5020, 58.9125, -42.5363.

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

65.5020, 58.9125, -42.5363

Protanopia

62.1510, 47.7466, -54.5064

Deuteranopia

62.4640, 36.2532, -54.7809



Tritanopia

61.5570, 15.0084, -53.9855

Trichromacy



Original Color

65.5020, 58.9125, -42.5363

Protanomaly

63.2100, 51.6615, -50.1732

Deuteranomaly

63.3750, 44.6781, -50.3179

Tritanomaly

63.1180, 31.0008, -50.0925

Monochromacy



Original Color

65.5020, 58.9125, -42.5363

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.5200, 21.4356, -15.3650

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.5020, 58.9125, -42.5363 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(17, 67, 185)` looks like.

```
.text, #text, p{  
    color:rgb(17, 67, 185)  
}
```

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(17, 67, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 67, 185) }
```

Border

The CSS property to change the border of an element to YUV 65.5020, 58.9125, -42.5363 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(17, 67, 185) }
```


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

```
.border{ border-color:rgb(17, 67, 185) }
```

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

Here you see how a box with a 4 pixel rgb(17, 67, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 67, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 67, 185);  
box-shadow:4px 4px 4px 4px rgb(17, 67,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 65.5020, 58.9125, -42.5363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 67, 185) }
```

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

```
.background{ background-color: rgb(17, 67,  
185) }
```

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