

Converting Colors

YUV(65.9300, 59.6875,
-57.8206)

Have a look what the booklet for
YUV(65.9300, 59.6875, -57.8206)
contains.

YUV(65.9300, 59.6875, -57.8206)	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>	30

Color

**YUV(65.9300, 59.6875,
-57.8206)**

Conversions

Conversions Part 1

Format	Color
Hex	004CBB
RGB	0, 76, 187
RGB Percent	0%, 30%, 73%
CMY	1.0000, 0.7020, 0.2667
CMYK	1.00, 0.59, 0.00, 0.27
HSL	216°, 100%, 37%
HSV	216°, 100%, 73%
XYZ	11.5541, 8.7567, 48.0950
YIQ	65.9300, -80.9270, 18.4090

Conversions

Conversions Part 2

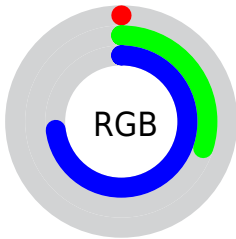
Format	Color
RYB	0, 54, 187
Decimal	19643
CIELab	35.51, 25.65, -63.50
CIELCh	36, 68.488, 291.998
Yxy	8.7567, 0.1689, 0.1280
Android (android.graphics.Color)	4278209723 (0xFF004CBB)
YUV	65.9300, 59.6875, -57.8206
Hunter-Lab	29.5918, 17.9095, -75.6486

Details

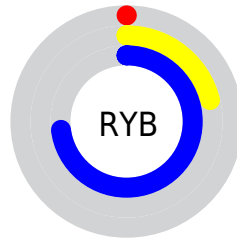
The YUV color **65.9300, 59.6875, -57.8206** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **121.0700, -59.6875, 57.8206**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.0090, 56.6906, -29.8259**, and **35.1200, 48.2548, -30.8002** is the 20% darker color. If you saturate the color by 10%, you get **65.9300, 59.6875, -57.8206**, and if you desaturate by 10%, it is **78.0680, 53.7035, -51.8026**.

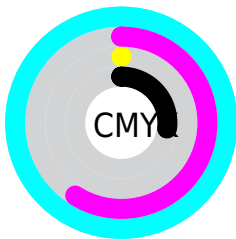
Distribution



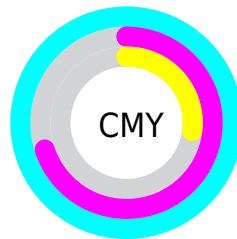
- Red (0%)
- Green (30%)
- Blue (73%)



- Red (0%)
- Yellow (21%)
- Blue (73%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (70%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.9300, 59.6875, -57.8206 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 65.9300, 59.6875, -57.8206 by changing the saturation by 10% instead.

■ 65.9300, 59.6875,
-57.8206

■ 65.9300, 59.6875,
-57.8206

■ 255.0000, 0.0000,
0.0000

■ 49.8240, 53.8238,
-43.6956

■ 129.0090, 56.6906,
-29.8259

■ 35.1200, 48.2548,
-30.8002

■ 155.0930, 49.2542,
-24.6376

■ 21.0030, 42.3965,
-18.4196

■ 179.3250, 37.3078,
-19.5790

■ 12.8700, 34.0811,
-11.2870

■ 204.7310, 24.7826,
-15.5501

■ 9.4330, 23.4505,
-8.2727

■ 230.1370, 12.2575,
-11.5211

■ 5.1640, 14.7091,
-4.5288

■ 252.9070, 1.0318,

■ 1.1400, 4.3680,

-4.3034

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 65.9300, 59.6875,
-57.8206

■ 78.0680, 53.7035,
-51.8026

■ 89.9070, 47.8668,
-46.3994

■ 102.0450, 41.8828,
-40.3815

■ 114.1830, 35.8988,
-34.3635

■ 126.9080, 29.6254,
-28.8603

■ 138.7470, 23.7887,
-23.4571

■ 150.8850, 17.8047,
-17.4391

■ 163.0230, 11.8207,
-11.4212

■ 174.8620, 5.9840,
-6.0180

Harmonies

Analogous

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



77.8810, 57.2467, -68.3016



65.9300, 59.6875, -57.8206



80.8630, 35.0705, 44.8471

Triad

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



65.9300, 59.6875, -57.8206



73.3360, -36.1546, 69.8653



69.2730, -1.1206, -60.7524

Complementary

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



65.9300, 59.6875, -57.8206



121.0700, -59.6875, 57.8206

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.



59.2870, -29.2285, -51.9947



65.9300, 59.6875, -57.8206



78.9970, -38.9455, 31.5746

Square

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



65.9300, 59.6875, -57.8206



57.3840, -5.1193, 102.2722



73.7270, -36.3474, -8.5306



76.2440, 23.0507, -66.8660

Rectangle

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



65.9300, 59.6875, -57.8206



61.7050, 28.2464, 87.0817



73.7270, -36.3474, -8.5306



66.4060, -9.5672, -58.2381

Sweetspot

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



65.9300, 59.6875, -57.8206



195.2310, 23.0571, -22.1276



122.1950, -6.5051, -107.1650



93.5820, 14.0101, -13.6654



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



65.9300, 59.6875, -57.8206



85.1140, 77.3448, -74.6450



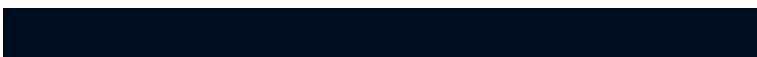
26.1020, 79.3227, -8.8595



88.3740, 2.7736, -2.9590



55.5800, 50.4931, -48.7437



10.5780, 10.0680, -9.2769

Inverse Universe

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



64.5770, 5.6315, 107.3650



83.5300, 7.1337, 138.9782



160.8980, -79.3227, 8.8595



88.1470, 0.4205, 5.1331



54.5380, 4.6648, 90.7362



10.6370, 0.6720, 17.8584

Previews

White Background



This preview shows how the YUV color 65.9300, 59.6875, -57.8206 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 65.9300, 59.6875, -57.8206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

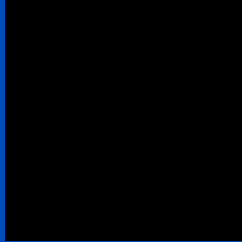
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.9300, 59.6875, -57.8206

Background



This preview shows how black text looks on a background with the YUV color 65.9300, 59.6875, -57.8206.



This preview shows how white text looks on a background with the YUV color 65.9300, 59.6875,

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

65.9300, 59.6875, -57.8206

Deuteranopia

67.1260, 38.8849, -58.8695

Tritanopia

65.7630, 15.8928, -57.6742

Trichromacy



Original Color

65.9300, 59.6875, -57.8206

Deuteranomaly

66.4880, 46.5944, -58.3100

Tritanomaly

65.8890, 31.6067, -57.7847

Monochromacy



Original Color

65.9300, 59.6875, -57.8206

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.1880, 21.5993, -21.2129

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.9300, 59.6875, -57.8206 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, 76, 187)` looks like.

```
.text, #text, p{  
    color:rgb(0, 76, 187)  
}
```

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, 76, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 76, 187) }
```

Border

The CSS property to change the border of an element to YUV 65.9300, 59.6875, -57.8206 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, 76, 187) }
```

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

```
.border{ border-color:rgb(0, 76, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 76, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 76, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 76, 187);  
box-shadow:4px 4px 4px 4px rgb(0, 76, 187)  
}
```


Background

The CSS property to change the background color of an element to YUV 65.9300, 59.6875, -57.8206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 76, 187) }
```

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

```
.background{ background-color: rgb(0, 76,  
187) }
```

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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