

Converting Colors

YUV(65.0350, 53.7197,
-57.0357)

Have a look what the booklet for
YUV(65.0350, 53.7197, -57.0357)
contains.

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Color

**YUV(65.0350, 53.7197,
-57.0357)**

Conversions

Conversions Part 1

Format	Color
Hex	004DAE
RGB	0, 77, 174
RGB Percent	0%, 30%, 68%
CMY	1.0000, 0.6980, 0.3176
CMYK	1.00, 0.56, 0.00, 0.32
HSL	213°, 100%, 34%
HSV	213°, 100%, 68%
XYZ	10.2939, 8.3637, 41.1162
YIQ	65.0350, -77.0290, 13.8430

Conversions

Conversions Part 2

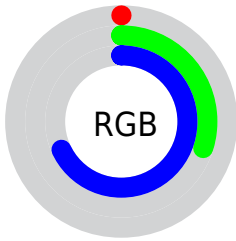
Format	Color
RYB	0, 53, 174
Decimal	19886
CIELab	34.73, 19.67, -57.10
CIElCh	35, 60.390, 289.011
Yxy	8.3637, 0.1722, 0.1399
Android (android.graphics.Color)	4278209966 (0xFF004DAE)
YUV	65.0350, 53.7197, -57.0357
Hunter-Lab	28.9201, 12.9252, -64.0494

Details

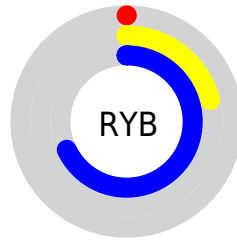
The YUV color **65.0350, 53.7197, -57.0357** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **108.9650, -53.7197, 57.0357**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.8040, 50.8756, -31.4001**, and **34.3390, 42.7239, -30.1153** is the 20% darker color. If you saturate the color by 10%, you get **65.0350, 53.7197, -57.0357**, and if you desaturate by 10%, it is **75.9880, 48.3199, -51.7325**.

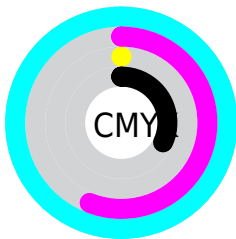
Distribution



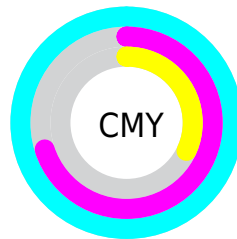
- Red (0%)
- Green (30%)
- Blue (68%)



- Red (0%)
- Yellow (21%)
- Blue (68%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (70%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.0350, 53.7197, -57.0357 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 65.0350, 53.7197, -57.0357 by changing the saturation by 10% instead.

■ 65.0350, 53.7197,
-57.0357

■ 65.0350, 53.7197,
-57.0357

■ 255.0000, 0.0000,
0.0000

■ 49.0430, 48.2928,
-43.0107

■ 126.8040, 50.8756,
-31.4001

■ 34.3390, 42.7239,
-30.1153

■ 154.1850, 49.7018,
-28.2262

■ 19.6350, 37.1549,
-17.2199

■ 178.1180, 37.9028,
-23.7825

■ 12.7900, 28.6975,
-11.2168

■ 203.5240, 25.3777,
-19.7535

■ 7.7060, 19.3719,
-6.7582

■ 228.9300, 12.8525,
-15.7246

■ 3.4370, 10.6306,
-3.0142

■ 250.8140, 2.0637,

■ 0.0000, 0.0000,

-8.6069

0.0000

■ 65.0350, 53.7197,
-57.0357

■ 75.9880, 48.3199,
-51.7325

■ 86.6530, 43.0621,
-45.2997

■ 97.6060, 37.6622,
-39.9965

■ 108.8580, 32.1150,
-34.0785

■ 119.8110, 26.7152,
-28.7752

■ 130.1770, 21.6047,
-22.9572

■ 141.4290, 16.0575,
-17.0392

■ 152.3820, 10.6577,
-11.7360

■ 163.0470, 5.3998,
-5.3032

Harmonies

Analogous

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



74.7690, 50.3999, -65.5724



65.0350, 53.7197, -57.0357



82.4610, 31.3247, 32.9217

Triad

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



65.0350, 53.7197, -57.0357



73.0580, -34.5386, 64.8471



66.3550, -2.1470, -58.1933

Complementary

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



65.0350, 53.7197, -57.0357



108.9650, -53.7197, 57.0357

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.



57.2810, -26.7605, -50.2354



65.0350, 53.7197, -57.0357



77.2360, -38.0773, 33.1190

Square

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



65.0350, 53.7197, -57.0357



62.5240, -4.2023, 88.1175



73.7710, -36.3691, -1.5532



72.6420, 19.4035, -63.7070

Rectangle

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



65.0350, 53.7197, -57.0357



73.4390, 21.4756, 65.3900



73.7710, -36.3691, -1.5532



63.8300, -9.2832, -55.9789

Sweetspot

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



65.0350, 53.7197, -57.0357



184.3620, 21.0205, -22.2425



113.0820, -8.4214, -99.1729



88.9410, 12.8471, -13.9803



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



65.0350, 53.7197, -57.0357



84.5780, 70.2140, -74.1749



22.5270, 74.6762, -11.8632



81.3740, 2.7736, -2.9590



56.4290, 46.1305, -49.4882



8.4920, 7.1524, -7.4475

Inverse Universe

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



60.8040, 7.9846, 99.2729



79.2730, 10.2184, 129.5566



151.4730, -74.6762, 11.8632



81.1470, 0.4205, 5.1331



52.4880, 7.1544, 85.5180



8.0170, 0.9776, 13.1401

Previews

White Background



This preview shows how the YUV color 65.0350, 53.7197, -57.0357 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 65.0350, 53.7197, -57.0357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

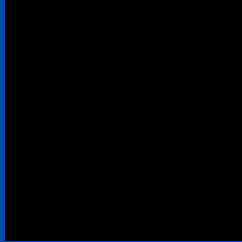
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.0350, 53.7197, -57.0357

Background



This preview shows how black text looks on a background with the YUV color 65.0350, 53.7197, -57.0357.



This preview shows how white text looks on a background with the YUV color 65.0350, 53.7197, -57.0357.

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



Protanopia

65.4110, 50.0834, -57.3654

Deuteranopia

65.7240, 38.5901, -57.6399

Tritanopia

64.3610, 15.5980, -56.4446

Trichromacy



Protanomaly

65.1660, 51.6832, -57.1506

Deuteranomaly

65.2170, 44.2630, -57.1953

Tritanomaly

64.6180, 29.2753, -56.6700

Monochromacy



Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.7320, 19.8521, -20.8130

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.0350, 53.7197, -57.0357 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, 77, 174)` looks like.

```
.text, #text, p{  
    color:rgb(0, 77, 174)  
}
```

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, 77, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 77, 174) }
```

Border

The CSS property to change the border of an element to YUV 65.0350, 53.7197, -57.0357 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, 77, 174) }
```

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

```
.border{ border-color:rgb(0, 77, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 77, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 77, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 77, 174);  
box-shadow:4px 4px 4px 4px rgb(0, 77, 174)  
}
```


Background

The CSS property to change the background color of an element to YUV 65.0350, 53.7197, -57.0357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 77, 174) }
```

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

```
.background{ background-color: rgb(0, 77,  
174) }
```

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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