

Converting Colors

YUV(95.0980, 65.0277,
-43.9359)

Have a look what the booklet for
YUV(95.0980, 65.0277, -43.9359)
contains.

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Color

**YUV(95.0980, 65.0277,
-43.9359)**

Conversions

Conversions Part 1

Format	Color
Hex	2D5FE3
RGB	45, 95, 227
RGB Percent	18%, 37%, 89%
CMY	0.8235, 0.6275, 0.1098
CMYK	0.80, 0.58, 0.00, 0.11
HSL	224°, 76%, 53%
HSV	224°, 80%, 89%
XYZ	19.0395, 14.2884, 74.4275
YIQ	95.0980, -72.1720, 30.4520

Conversions

Conversions Part 2

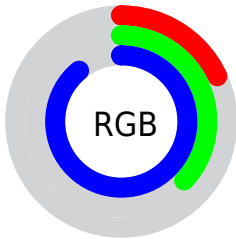
Format	Color
R _Y B	45, 84, 227
Decimal	2973667
CIE Lab	44.64, 31.16, -71.62
CIE LCh	45, 78.106, 293.513
Yxy	14.2884, 0.1767, 0.1326
Android (android.graphics.Color)	4281163747 (0xFF2D5FE3)
YUV	95.0980, 65.0277, -43.9359
Hunter-Lab	37.7999, 23.7591, -90.2811

Details

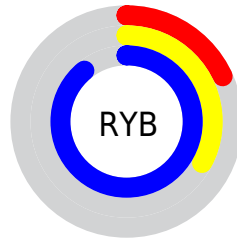
The YUV color **95.0980, 65.0277, -43.9359** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **176.9020, -65.0277, 43.9359**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.0650, 51.7330, -26.3670**, and **48.7300, 59.7861, -42.7362** is the 20% darker color. If you saturate the color by 10%, you get **78.8290, 73.0483, -49.8390**, and if you desaturate by 10%, it is **111.3670, 57.0071, -38.0329**.

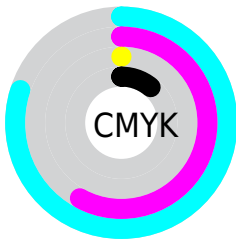
Distribution



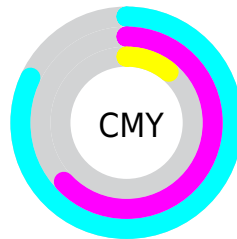
- Red (18%)
- Green (37%)
- Blue (89%)



- Red (18%)
- Yellow (33%)
- Blue (89%)



- Cyan (80%)
- Magenta (58%)
- Yellow (0%)
- Black (11%)



- Cyan (82%)
- Magenta (63%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.0980, 65.0277, -43.9359 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 95.0980, 65.0277, -43.9359 by changing the saturation by 10% instead.

■ 95.0980, 65.0277,
-43.9359

■ 95.0980, 65.0277,
-43.9359

■ 255.0000, 0.0000,
0.0000

■ 64.8360, 65.6499,
-56.8612

■ 150.0650, 51.7330,
-26.3670

■ 48.7300, 59.7861,
-42.7362

■ 174.8950, 39.4918,
-20.0789

■ 34.4990, 53.4910,
-30.2556

■ 200.0130, 27.1086,
-14.9204

■ 20.3820, 47.6327,
-17.8750

■ 225.7180, 14.4360,
-10.2767

■ 14.4830, 37.7229,
-12.7016

■ 252.0100, 1.4741,
-6.1478

■ 11.7470, 27.2397,
-10.3021

■ 6.6630, 17.9141,

-5.8435

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 95.0980, 65.0277,
-43.9359

■ 95.0980, 65.0277,
-43.9359

■ 78.8290, 73.0483,
-49.8390

■ 111.3670, 57.0071,
-38.0329

■ 62.2720, 81.2109,
-54.6125

■ 127.9240, 48.8445,
-33.2593

■ 144.1930, 40.8239,
-27.3563

■ 161.0490, 32.5138,
-21.9680

■ 177.3180, 24.4932,
-16.0649

■ 193.8750, 16.3306,
-11.2914

■ 210.1440, 8.3100,
-5.3883

■ 227.0000, 0.0000,
0.0000

■ 242.9700, -7.8732,
5.2883

Harmonies

Analogous

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



96.8710, 69.0836, -84.9559



95.0980, 65.0277, -43.9359



102.6070, 40.1267, 56.4727

Triad

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



95.0980, 65.0277, -43.9359



94.0680, -46.3755, 81.5014



87.0430, 0.9648, -76.3367

Complementary

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



95.0980, 65.0277, -43.9359



176.9020, -65.0277, 43.9359

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.



75.4610, -33.2583, -66.1793



95.0980, 65.0277, -43.9359



99.6850, -49.1447, 36.2333

Square

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



95.0980, 65.0277, -43.9359



70.4130, -5.6266, 125.0488



92.5990, -45.6513, -11.0493



95.2680, 29.9409, -83.5500

Rectangle

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



95.0980, 65.0277, -43.9359



76.2160, 33.4175, 108.5586



92.5990, -45.6513, -11.0493



83.8340, -8.7922, -73.5224

Sweetspot

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



95.0980, 65.0277, -43.9359



210.9330, 21.7250, -14.8502



166.6540, 4.1146, -106.6906



101.0880, 13.2676, -8.8472



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.



95.0980, 65.0277, -43.9359



77.2590, 87.6263, -58.9861



77.4090, 73.7484, 5.7803



106.1290, 4.3734, -2.7441



49.1690, 64.0067, -43.1212



14.0320, 18.2252, -12.3061

Inverse Universe

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



105.1180, -4.9882, 106.8905



90.8930, -6.8492, 143.9218



194.5910, -73.7484, -5.7803



106.9300, -0.4585, 7.0774



59.1070, -4.9828, 105.1462



16.8450, -1.4026, 29.9539

Previews

White Background



This preview shows how the YUV color 95.0980, 65.0277, -43.9359 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 95.0980, 65.0277, -43.9359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

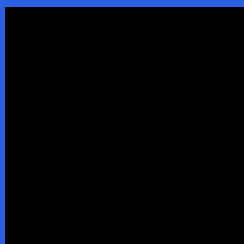
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

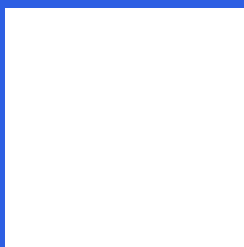
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 95.0980, 65.0277, -43.9359

Background



This preview shows how black text looks on a background with the YUV color 95.0980, 65.0277, -43.9359.



This preview shows how white text looks on a background with the YUV color 95.0980, 65.0277, -43.9359.

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

95.0980, 65.0277, -43.9359

Protanopia

83.6830, 64.2463, -73.3900

Deuteranopia

84.3720, 49.1166, -73.9942



Tritanopia

82.2280, 20.5936, -72.1140

Trichromacy



Original Color

95.0980, 65.0277, -43.9359

Protanomaly

87.8630, 64.6505, -63.0239

Deuteranomaly

88.0450, 55.1938, -63.1835

Tritanomaly

86.5340, 36.7117, -61.8583

Monochromacy



Original Color

95.0980, 65.0277, -43.9359

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.0900, 23.6196, -15.8649

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.0980, 65.0277, -43.9359 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(45, 95, 227)` looks like.

```
.text, #text, p{  
    color:rgb(45, 95, 227)  
}
```

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(45, 95, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 95, 227) }
```

Border

The CSS property to change the border of an element to YUV 95.0980, 65.0277, -43.9359 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(45, 95, 227) }
```


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

```
.border{ border-color:rgb(45, 95, 227) }
```

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

Here you see how a box with a 4 pixel rgb(45, 95, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 95, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 95, 227);  
box-shadow:4px 4px 4px 4px rgb(45, 95,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 95.0980, 65.0277, -43.9359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 95, 227) }
```

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

```
.background{ background-color: rgb(45, 95,  
227) }
```

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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