

Converting Colors

YIQ(42.6050, -85.5200, 63.1200)

Have a look what the booklet for
YIQ(42.6050, -85.5200, 63.1200)
contains.

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Color

**YIQ(42.6050, -85.5200,
63.1200)**

Conversions

Conversions Part 1

Format	Color
Hex	0019F5
RGB	0, 25, 245
RGB Percent	0%, 10%, 96%
CMY	0.9996, 0.9020, 0.0397
CMYK	1.00, 0.90, 0.00, 0.04
HSL	234°, 100%, 48%
HSV	234°, 100%, 96%
XYZ	16.8097, 7.2805, 86.8015
YIQ	42.6050, -85.5200, 63.1200

Conversions

Conversions Part 2

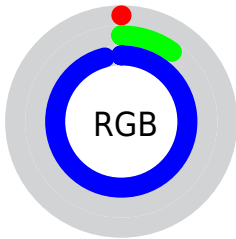
Format	Color
R _Y B	0, 23, 245
Decimal	6645
CIE Lab	32.44, 71.88, -101.93
CIE LCh	32, 124.727, 305.189
Yxy	7.2805, 0.1516, 0.0657
Android (android.graphics.Color)	4278196725 (0xFF0019F5)
YUV	42.6050, 99.7807, -37.3646
Hunter-Lab	26.9824, 63.9841, -171.8463

Details

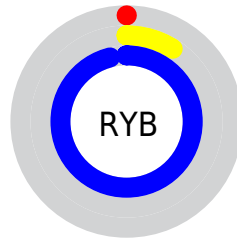
The YIQ color **42.6050, -85.5200, 63.1200** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **202.3950, 85.5200, -63.1200**, and the grayscale version is **42.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **111.6000, -34.3980, 61.7460**, and **21.3180, -60.0270, 58.1570** is the 20% darker color. If you saturate the color by 10%, you get **42.6050, -85.5200, 63.1200**, and if you desaturate by 10%, it is **62.9940, -76.6700, 56.9140**.

Distribution



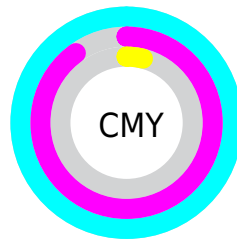
- Red (0%)
- Green (10%)
- Blue (96%)



- Red (0%)
- Yellow (9%)
- Blue (96%)



- Cyan (100%)
- Magenta (90%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (90%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.6050, -85.5200, 63.1200 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 YIQ color 42.6050, -85.5200, 63.1200 by changing the saturation by 10% instead.

■ 42.6050, -85.5200,
63.1200

■ 42.6050, -85.5200,
63.1200

■ 255.0000, -0.0000,
-0.0000

■ 24.5100, -69.0150,
66.8650

■ 111.6000,
-34.3980, 61.7460

■ 21.3180, -60.0270,
58.1570

■ 137.6260,
-20.0920, 55.7800

■ 18.1260, -51.0390,
49.4490

■ 163.3420, -7.8490,
48.6550

■ 14.9340, -42.0510,
40.7410

■ 189.6450, 4.1190,
41.0070

■ 21.9490, -38.3800,
23.7640

■ 215.9480, 16.0870,
33.3590

■ 14.9900, -28.4300,
19.6500


■ 233.2810, 10.1750,


■ 9.3190, -19.3510,


19.3510


14.8010


 250.3040, 2.2000,
4.1840

 4.9360, -11.1430,
9.2170


 0.7980, -2.2470,
2.1770

 42.6050, -85.5200,
63.1200

 62.9940, -76.6700,
56.9140

 83.0840, -68.4160,
50.4960

 103.4730,
-59.5660, 44.2900

 123.5630,
-51.3120, 37.8720

■ 143.9520,
-42.4620, 31.6660

■ 164.0420,
-34.2080, 25.2480

■ 184.1320,
-25.9540, 18.8300

■ 204.5210,
-17.1040, 12.6240

■ 224.6110, -8.8500,
6.2060

Harmonies

Analogous

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



83.6610, -107.4300, 30.6660



42.6050, -85.5200, 63.1200



76.4740, 63.6220, 91.5100

Triad

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



42.6050, -85.5200, 63.1200



56.3240, 87.7050, 23.9690



71.5360, -58.1320, -25.7800

Complementary

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



42.6050, -85.5200, 63.1200



202.3950, 85.5200, -63.1200

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, -27.7750, -52.8230



42.6050, -85.5200, 63.1200



70.5810, 25.0840, -25.0920

Square

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



42.6050, -85.5200, 63.1200



61.8930, 123.3720, 43.8840



56.3520, -26.4000, -50.2080



85.2840, -91.3320, 3.2280

Rectangle

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



42.6050, -85.5200, 63.1200



78.0340, 102.3670, 77.6550



56.3520, -26.4000, -50.2080



66.9590, -46.6220, -36.1420

Sweetspot

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



42.6050, -85.5200, 63.1200



191.7730, -26.3210, 19.9750



168.4390, -136.7110, -60.9590



89.5920, -15.8660, 12.2140



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.



42.6050, -85.5200, 63.1200



44.3320, -89.0050, 65.7070



56.0360, -22.6210, 96.1230



111.9550, -4.1270, 3.2090



32.3570, -64.9310, 47.9090



10.2480, -20.5890, 15.2110

Inverse Universe

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



76.1050, 137.9950, 59.7150



79.2090, 143.6340, 62.1460



188.9640, 22.6210, -96.1230



113.7020, 6.8310, 2.8550



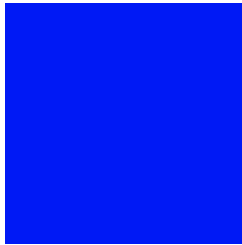
57.7800, 104.7570, 45.3410



18.3250, 33.2380, 14.3740

Previews

White Background



This preview shows how the YIQ color 42.6050, -85.5200, 63.1200 looks on a white background.

Color Contrast Check

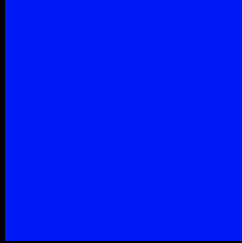
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 42.6050, -85.5200, 63.1200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

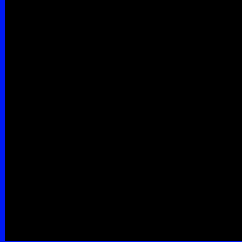
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 42.6050, -85.5200, 63.1200

Background



This preview shows how black text looks on a background with the YIQ color 42.6050, -85.5200, 63.1200.



This preview shows how white text looks on a background with the YIQ color 42.6050, -85.5200,

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

42.6050, -85.5200, 63.1200

Protanopia

60.9940, -69.7840, 9.1920

Deuteranopia

61.3070, -63.7760, -0.5760



Tritanopia

59.9270, -51.6230, -17.0870

Trichromacy



Original Color

42.6050, -85.5200, 63.1200

Protanomaly

54.1900, -75.4270, 28.8690

Deuteranomaly

54.2410, -71.4370, 22.6350

Tritanomaly

53.5110, -63.8700, 12.1460

Monochromacy



Original Color

42.6050, -85.5200, 63.1200

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

42.4290, -31.0440, 22.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.6050, -85.5200, 63.1200 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, 25, 245)` looks like.

```
.text, #text, p{  
    color:rgb(0, 25, 245)  
}
```

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, 25, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 25, 245) }
```

Border

The CSS property to change the border of an element to YIQ 42.6050, -85.5200, 63.1200 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, 25, 245) }
```


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

```
.border{ border-color:rgb(0, 25, 245) }
```

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

Here you see how a box with a 4 pixel rgb(0, 25, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 25, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 25, 245);  
box-shadow:4px 4px 4px 4px rgb(0, 25, 245)  
}
```

Background

The CSS property to change the background color of an element to YIQ 42.6050, -85.5200, 63.1200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 25, 245) }
```

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

```
.background{ background-color: rgb(0, 25,  
245) }
```

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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