

Converting Colors

YIQ(63.6110, -86.7980, 31.2020)

Have a look what the booklet for
YIQ(63.6110, -86.7980, 31.2020)
contains.

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Color

**YIQ(63.6110, -86.7980,
31.2020)**

Conversions

Conversions Part 1

Format	Color
Hex	0043D5
RGB	0, 67, 213
RGB Percent	0%, 26%, 84%
CMY	0.9998, 0.7371, 0.1652
CMYK	1.00, 0.69, 0.00, 0.17
HSL	221°, 100%, 42%
HSV	221°, 100%, 83%
XYZ	14.0043, 8.8159, 63.8367
YIQ	63.6110, -86.7980, 31.2020

Conversions

Conversions Part 2

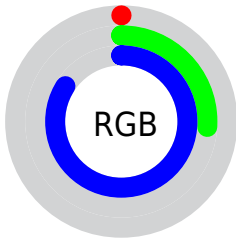
Format	Color
RYB	0, 51, 213
Decimal	17365
CIELab	35.63, 41.55, -78.38
CIELCh	36, 88.713, 297.931
Yxy	8.8159, 0.1616, 0.1017
Android (android.graphics.Color)	4278207445 (0xFF0043D5)
YUV	63.6110, 73.6488, -55.7868
Hunter-Lab	29.6915, 32.2309, -106.6892

Details

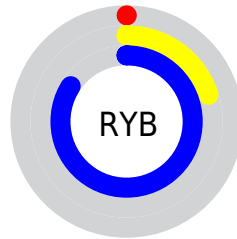
The YIQ color **63.6110, -86.7980, 31.2020** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **149.3890, 86.7980, -31.2020**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.6710, -51.4960, 41.2080**, and **32.5730, -57.2720, 35.7520** is the 20% darker color. If you saturate the color by 10%, you get **63.6110, -86.7980, 31.2020**, and if you desaturate by 10%, it is **78.6950, -78.4070, 27.8090**.

Distribution



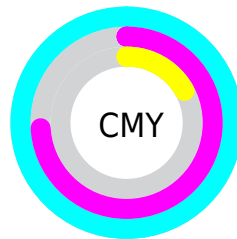
- Red (0%)
- Green (26%)
- Blue (84%)



- Red (0%)
- Yellow (20%)
- Blue (84%)



- Cyan (100%)
- Magenta (69%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (74%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.6110, -86.7980, 31.2020 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 63.6110, -86.7980, 31.2020 by changing the saturation by 10% instead.

■ 63.6110, -86.7980,
31.2020

■ 63.6110, -86.7980,
31.2020

■ 255.0000, -0.0000,
-0.0000

■ 47.3910, -71.4390,
33.6890

■ 127.6710,
-51.4960, 41.2080

■ 32.5730, -57.2720,
35.7520

■ 152.8000,
-38.9780, 34.6060

■ 19.5160, -43.9300,
36.2460

■ 177.6300,
-27.0560, 27.7920

■ 11.8560, -33.3840,
32.3440

■ 202.7480,
-16.0050, 20.2430

■ 14.7620, -27.7880,
19.0280

■ 228.4530, -5.2290,
12.1710

■ 9.2050, -19.0300,
14.4900

■ 252.6520, 1.1000,

■ 4.8220, -10.8220,

2.0920

8.9060

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 63.6110, -86.7980,
31.2020

■ 78.6950, -78.4070,
27.8090

■ 93.4910, -69.1450,
25.1510

■ 108.5750,
-60.7540, 21.7580

■ 123.0720,
-52.0880, 18.8880

■ 138.1560,
-43.6970, 15.4950

■ 153.5390,
-34.7100, 12.3140

■ 168.0360,
-26.0440, 9.4440

■ 183.1200,
-17.6530, 6.0510

■ 197.9160, -8.3910,
3.3930

Harmonies

Analogous

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



83.1590, -100.5050, 20.7990



63.6110, -86.7980, 31.2020



65.5960, 42.4870, 83.5670

Triad

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



63.6110, -86.7980, 31.2020



71.0210, 83.7640, 12.7880



72.1740, -54.4170, -32.5370

Complementary

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



63.6110, -86.7980, 31.2020



149.3890, 86.7980, -31.2020

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.



61.6350, -28.8750, -54.9150



63.6110, -86.7980, 31.2020



78.9530, 41.7720, -19.1560

Square

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



63.6110, -86.7980, 31.2020



60.1440, 106.7280, 48.1680



65.3000, -11.4540, -45.7420



81.6700, -78.4000, -10.8800

Rectangle

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



63.6110, -86.7980, 31.2020



69.7350, 75.4080, 76.1440



65.3000, -11.4540, -45.7420



69.2100, -46.0710, -40.6230

Sweetspot

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



63.6110, -86.7980, 31.2020



201.7520, -30.9960, 11.0840



141.5610, -105.1200, -66.3040



95.4620, -18.6160, 6.9840



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.



63.6110, -86.7980, 31.2020



76.0300, -103.8550, 37.4650



35.9430, -45.1290, 74.5110



99.6020, -4.6310, 1.3290



51.1920, -69.7410, 24.9390



13.1200, -17.6530, 6.0510

Inverse Universe

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



71.3250, 105.4410, 65.9930



85.3650, 126.3000, 78.9400



177.0570, 45.1290, -74.5110



99.7450, 5.2720, 3.5760



57.2850, 84.5820, 53.0460



14.4530, 21.1340, 13.4700

Previews

White Background



This preview shows how the YIQ color 63.6110, -86.7980, 31.2020 looks on a white background.

Color Contrast Check

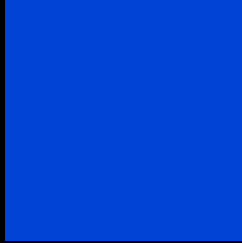
Large Text (above 18pt) WCAG AA ✓ Pass

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 63.6110, -86.7980, 31.2020 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 63.6110, -86.7980, 31.2020

Background



This preview shows how black text looks on a background with the YIQ color 63.6110, -86.7980, 31.2020.



This preview shows how white text looks on a background with the YIQ color 63.6110, -86.7980,

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

63.6110, -86.7980, 31.2020

Protanopia

66.9270, -76.8450, 10.5070

Deuteranopia

67.0120, -70.1950, 0.1170



Tritanopia

65.7630, -57.0330, -18.1610

Trichromacy



Original Color

63.6110, -86.7980, 31.2020

Protanomaly

65.8160, -80.6060, 18.0980

Deuteranomaly

65.7530, -76.2950, 11.5530

Tritanomaly

65.2680, -68.0400, -0.3920

Monochromacy



Original Color

63.6110, -86.7980, 31.2020

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

63.8660, -31.3170, 11.3950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.6110, -86.7980, 31.2020 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, 67, 213)` looks like.

```
.text, #text, p{  
    color:rgb(0, 67, 213)  
}
```

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, 67, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 67, 213) }
```

Border

The CSS property to change the border of an element to YIQ 63.6110, -86.7980, 31.2020 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, 67, 213) }
```


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

```
.border{ border-color:rgb(0, 67, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 67, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 67, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 67, 213);  
box-shadow:4px 4px 4px 4px rgb(0, 67, 213)  
}
```

Background

The CSS property to change the background color of an element to YIQ 63.6110, -86.7980, 31.2020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 67, 213) }
```

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

```
.background{ background-color: rgb(0, 67,  
213) }
```

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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