

Converting Colors

YIQ(56.6240, -60.1680, 77.2400)

Have a look what the booklet for
YIQ(56.6240, -60.1680, 77.2400)
contains.

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Color

**YIQ(56.6240, -60.1680,
77.2400)**

Conversions

Conversions Part 1

Format	Color
Hex	2F17FF
RGB	47, 23, 255
RGB Percent	18%, 9%, 100%
CMY	0.8154, 0.9099, 0.0004
CMYK	0.82, 0.91, 0.00, 0.00
HSL	246°, 100%, 54%
HSV	246°, 91%, 100%
XYZ	19.5137, 8.4311, 95.1166
YIQ	56.6240, -60.1680, 77.2400

Conversions

Conversions Part 2

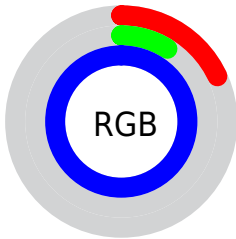
Format	Color
RYB	47, 23, 255
Decimal	3086335
CIELab	34.87, 75.72, -103.49
CIELCh	35, 128.233, 306.191
Yxy	8.4311, 0.1586, 0.0685
Android (android.graphics.Color)	4281276415 (0xFF2F17FF)
YUV	56.6240, 97.7994, -8.4402
Hunter-Lab	29.0364, 69.1461, -173.8952

Details

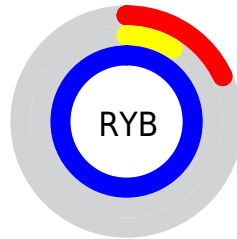
The YIQ color **56.6240, -60.1680, 77.2400** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **221.3760, 60.1680, -77.2400**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **116.9710, -25.1370, 64.6150**, and **22.3440, -62.9160, 60.9560** is the 20% darker color. If you saturate the color by 10%, you get **36.8440, -66.3590, 84.8170**, and if you desaturate by 10%, it is **78.1760, -53.3350, 69.0410**.

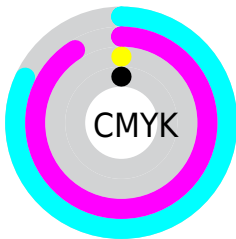
Distribution



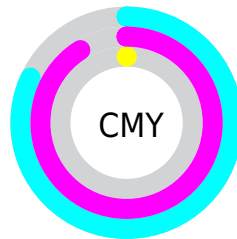
- Red (18%)
- Green (9%)
- Blue (100%)



- Red (18%)
- Yellow (9%)
- Blue (100%)



- Cyan (82%)
- Magenta (91%)
- Yellow (0%)
- Black (0%)



- Cyan (82%)
- Magenta (91%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.6240, -60.1680, 77.2400 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 56.6240, -60.1680, 77.2400 by changing the saturation by 10% instead.

■ 56.6240, -60.1680,
77.2400

■ 56.6240, -60.1680,
77.2400

■ 255.0000, -0.0000,
-0.0000

■ 25.6500, -72.2250,
69.9750

■ 116.9710,
-25.1370, 64.6150

■ 22.3440, -62.9160,
60.9560

■ 142.9860,
-12.2980, 57.7020

■ 19.1520, -53.9280,
52.2480

■ 169.5880, 0.2660,
50.2660

■ 15.9600, -44.9400,
43.5400

■ 195.0050, 11.9130,
42.9290

■ 20.5130, -39.8480,
28.3440

■ 218.6060, 17.0500,
32.4260

■ 17.0760, -31.5480,
21.0920


■ 235.6290, 9.0750,


■ 11.2910, -22.1480,


17.2590


15.9320


 252.6520, 1.1000,
2.0920


 6.4350, -13.9860,
11.1820


 2.6390, -6.0530,
5.0750

 56.6240, -60.1680,
77.2400

 56.6240, -60.1680,
77.2400

 36.8440, -66.3590,
84.8170

 78.1760, -53.3350,
69.0410

 100.3150,
-46.7770, 60.3190

 121.8670,
-39.9440, 52.1200

 143.7070,
-33.9820, 43.1860

■ 165.2590,
-27.1490, 34.9870

■ 187.3980,
-20.5910, 26.2650

■ 208.9500,
-13.7580, 18.0660

■ 231.0890, -7.2000,
9.3440

■ 252.6410, -0.3670,
1.1450

Harmonies

Analogous

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



86.5960, -108.8050, 28.0510



56.6240, -60.1680, 77.2400



81.0450, 69.4440, 96.1320

Triad

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



56.6240, -60.1680, 77.2400



64.8740, 88.8520, 19.7000



76.7850, -63.2670, -26.3310

Complementary

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



56.6240, -60.1680, 77.2400



221.3760, 60.1680, -77.2400

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.



63.3960, -29.7000, -56.4840



56.6240, -60.1680, 77.2400



75.5870, 24.9470, -28.1170

Square

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



56.6240, -60.1680, 77.2400



65.1820, 129.9280, 46.2160



60.4610, -28.3250, -53.8690



90.8750, -97.4300, 3.6100

Rectangle

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



56.6240, -60.1680, 77.2400



81.9640, 108.5560, 81.1320



60.4610, -28.3250, -53.8690



72.0940, -51.4360, -37.0040

Sweetspot

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



56.6240, -60.1680, 77.2400



195.9590, -17.9770, 22.9430



172.1310, -131.9470, -37.1550



92.8700, -10.7770, 13.5990



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.



56.6240, -60.1680, 77.2400



36.8440, -66.3590, 84.8170



91.0090, 8.3720, 101.6200



116.7810, -3.5770, 4.2550



27.7540, -49.3910, 63.6410



9.3890, -16.3720, 21.3880

Inverse Universe

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



116.0800, 71.5040, 113.8720



102.3510, 78.4710, 125.2790



186.9910, -8.3720, -101.6200



120.1410, 4.2170, 6.1770



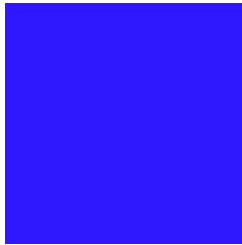
76.6030, 58.9450, 93.6730



25.6340, 19.8470, 31.2950

Previews

White Background



This preview shows how the YIQ color 56.6240, -60.1680, 77.2400 looks on a white background.

Color Contrast Check

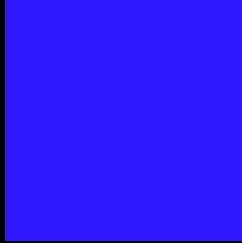
Large Text (above 18pt) WCAG AA ✓ Pass

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 56.6240, -60.1680, 77.2400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

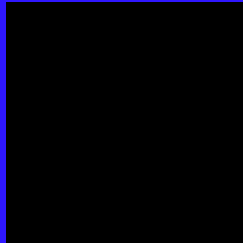
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.6240, -60.1680, 77.2400

Background



This preview shows how black text looks on a background with the YIQ color 56.6240, -60.1680, 77.2400.



This preview shows how white text looks on a background with the YIQ color 56.6240, -60.1680,

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

56.6240, -60.1680, 77.2400

Protanopia

65.1830, -74.6900, 9.9980

Deuteranopia

65.2680, -68.0400, -0.3920



Tritanopia

63.6600, -55.2450, -17.5250

Trichromacy



Original Color

56.6240, -60.1680, 77.2400

Protanomaly

62.2880, -69.6510, 34.3250

Deuteranomaly

62.2250, -65.3400, 27.7800

Tritanomaly

61.2670, -57.1310, 16.6690

Monochromacy



Original Color

56.6240, -60.1680, 77.2400

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.9680, -22.1960, 27.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.6240, -60.1680, 77.2400 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(47, 23, 255)` looks like.

```
.text, #text, p{  
    color:rgb(47, 23, 255)  
}
```

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(47, 23, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 23, 255) }
```

Border

The CSS property to change the border of an element to YIQ 56.6240, -60.1680, 77.2400 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(47, 23, 255) }
```


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

```
.border{ border-color:rgb(47, 23, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 23, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 23, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 23, 255);  
box-shadow:4px 4px 4px 4px rgb(47, 23,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 56.6240, -60.1680, 77.2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 23, 255) }
```

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

```
.background{ background-color: rgb(47, 23,  
255) }
```

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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