

Converting Colors

YIQ(56.4230, -20.5980, 64.9540)

Have a look what the booklet for
YIQ(56.4230, -20.5980, 64.9540)
contains.

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Color

**YIQ(56.4230, -20.5980,
64.9540)**

Conversions

Conversions Part 1

Format	Color
Hex	4D14BE
RGB	77, 20, 190
RGB Percent	30%, 8%, 75%
CMY	0.6978, 0.9217, 0.2551
CMYK	0.59, 0.89, 0.00, 0.26
HSL	260°, 81%, 41%
HSV	260°, 89%, 74%
XYZ	12.6036, 5.7952, 49.1383
YIQ	56.4230, -20.5980, 64.9540

Conversions

Conversions Part 2

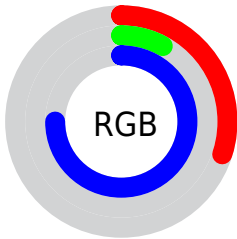
Format	Color
R_{YB}	77, 20, 190
Decimal	5051582
CIE _{Lab}	28.89, 61.48, -76.01
CIE _{LCh}	29, 97.764, 308.966
Yxy	5.7952, 0.1866, 0.0858
Android (android.graphics.Color)	4283241662 (0xFF4D14BE)
YUV	56.4230, 65.8535, 18.0460
Hunter-Lab	24.0731, 51.3265, -104.1722

Details

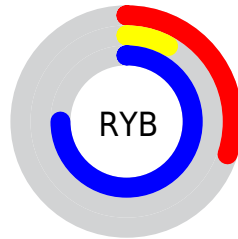
The YIQ color **56.4230, -20.5980, 64.9540** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **153.5770, 20.5980, -64.9540**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **115.0320, -17.9390, 66.3250**, and **15.3900, -43.3350, 41.9850** is the 20% darker color. If you saturate the color by 10%, you get **41.3830, -23.1210, 72.1350**, and if you desaturate by 10%, it is **71.4630, -18.0750, 57.7730**.

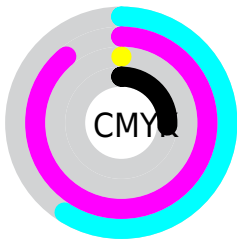
Distribution



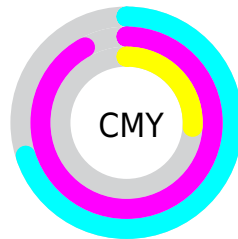
- Red (30%)
- Green (8%)
- Blue (75%)



- Red (30%)
- Yellow (8%)
- Blue (75%)



- Cyan (59%)
- Magenta (89%)
- Yellow (0%)
- Black (26%)



- Cyan (70%)
- Magenta (92%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.4230, -20.5980, 64.9540 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 56.4230, -20.5980, 64.9540 by changing the saturation by 10% instead.

■ 56.4230, -20.5980,
64.9540

■ 56.4230, -20.5980,
64.9540

■ 255.0000, -0.0000,
-0.0000

■ 30.4280, -28.1620,
58.8620

■ 114.4450,
-17.6640, 66.8480

■ 15.3900, -43.3350,
41.9850

■ 140.0620, -9.4560,
61.2640

■ 12.4260, -34.9890,
33.8990

■ 165.1800, 1.5950,
53.7150

■ 10.0490, -26.9180,
25.2900

■ 189.9990, 12.0500,
45.9540

■ 10.2480, -20.5890,
15.2110

■ 213.9100, 19.2500,
36.6100

■ 5.2780, -12.1060,
10.1500

■ 230.3460, 11.5500,


■ 1.3680, -3.8520,


21.9660


3.7320


 247.3690, 3.5750,
6.7990


 0.0000, 0.0000,
0.0000


 56.4230, -20.5980,
64.9540


 56.4230, -20.5980,
64.9540


 41.3830, -23.1210,
72.1350


 71.4630, -18.0750,
57.7730

 40.7960, -22.8460,
72.6580

 86.2040, -16.1480,
50.3800

 101.2440,
-13.6250, 43.1990

 116.2840,
-11.1020, 36.0180

 131.0250, -9.1750,
28.6250

■ 146.0650, -6.6520,
21.4440

■ 160.8060, -4.7250,
14.0510

■ 175.8460, -2.2020,
6.8700

■ 190.8860, 0.3210,
-0.3110

Harmonies

Analogous

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



70.2620, -93.1250, 30.2270



56.4230, -20.5980, 64.9540



63.7700, 59.1320, 73.7560

Triad

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



56.4230, -20.5980, 64.9540



60.2680, 63.7750, 6.1030



64.2640, -54.1900, -20.1260

Complementary

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



56.4230, -20.5980, 64.9540



153.5770, 20.5980, -64.9540

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.



52.8300, -24.7500, -47.0700



56.4230, -20.5980, 64.9540



61.6880, 17.4730, -24.8230

Square

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



56.4230, -20.5980, 64.9540



50.2320, 100.1280, 35.6160



49.8950, -23.3750, -44.4550



73.9880, -78.8150, 2.1530

Rectangle

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



56.4230, -20.5980, 64.9540



63.8650, 86.1850, 62.5450



49.8950, -23.3750, -44.4550



60.7130, -45.5690, -27.6890

Sweetspot

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



56.4230, -20.5980, 64.9540



195.1020, -8.0740, 25.1900



105.7110, -85.6450, -6.2290



93.4470, -5.0920, 15.1960



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



56.4230, -20.5980, 64.9540



52.9750, -29.8190, 94.4130



81.8380, 30.0620, 82.9740



86.9230, -1.1010, 3.4350



33.8590, -19.1300, 60.3740



6.5240, -3.9910, 11.7610

Inverse Universe

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



83.7120, 65.0470, 71.1830



92.5490, 94.5680, 103.3680



128.1620, -30.0620, -82.9740



88.3750, 3.4380, 3.7740



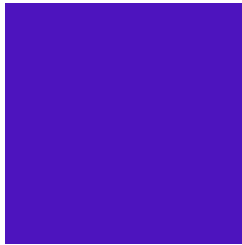
59.2120, 60.4630, 66.1510



11.5490, 12.0560, 12.7920

Previews

White Background



This preview shows how the YIQ color 56.4230, -20.5980, 64.9540 looks on a white background.

Color Contrast Check

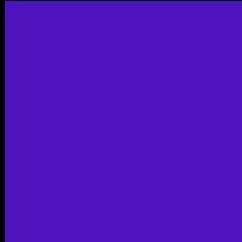
Large Text (above 18pt) WCAG AA ✓ Pass

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 56.4230, -20.5980, 64.9540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

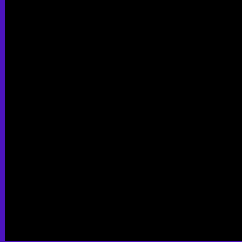
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.4230, -20.5980, 64.9540

Background



This preview shows how black text looks on a background with the YIQ color 56.4230, -20.5980, 64.9540.



This preview shows how white text looks on a background with the YIQ color 56.4230, -20.5980,

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

56.4230, -20.5980, 64.9540

Protanopia

55.2890, -63.3650, 8.4990

Tritanopia

61.4460, -30.8550, -7.9990

Trichromacy



Original Color

56.4230, -20.5980, 64.9540

Protanomaly

55.7340, -47.7800, 28.9240

Tritanomaly

59.5340, -27.1460, 18.4060

Monochromacy



Original Color

56.4230, -20.5980, 64.9540

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

56.3470, -7.3860, 23.7340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.4230, -20.5980, 64.9540 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(77, 20, 190)` looks like.

```
.text, #text, p{  
    color:rgb(77, 20, 190)  
}
```

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(77, 20, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 20, 190) }
```

Border

The CSS property to change the border of an element to YIQ 56.4230, -20.5980, 64.9540 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(77, 20, 190) }
```

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

```
.border{ border-color:rgb(77, 20, 190) }
```

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

Here you see how a box with a 4 pixel rgb(77, 20, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 20, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 20, 190);  
box-shadow:4px 4px 4px 4px rgb(77, 20,  
190) }
```


Background

The CSS property to change the background color of an element to YIQ 56.4230, -20.5980, 64.9540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 20, 190) }
```

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

```
.background{ background-color: rgb(77, 20,  
190) }
```

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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