

Converting Colors

YIQ(53.9280, -23.5780, 63.8940)

Have a look what the booklet for
YIQ(53.9280, -23.5780, 63.8940)
contains.

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Color

**YIQ(53.9280, -23.5780,
63.8940)**

Conversions

Conversions Part 1

Format	Color
Hex	4713BD
RGB	71, 19, 189
RGB Percent	28%, 7%, 74%
CMY	0.7213, 0.9256, 0.2590
CMYK	0.62, 0.90, 0.00, 0.26
HSL	258°, 82%, 41%
HSV	258°, 90%, 74%
XYZ	12.0144, 5.4785, 48.5356
YIQ	53.9280, -23.5780, 63.8940

Conversions

Conversions Part 2

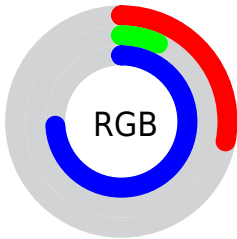
Format	Color
R_{YB}	71, 19, 189
Decimal	4658109
CIE Lab	28.06, 61.03, -76.82
CIE LCh	28, 98.114, 308.468
Yxy	5.4785, 0.1820, 0.0830
Android (android.graphics.Color)	4282848189 (0xFF4713BD)
YUV	53.9280, 66.5905, 14.9721
Hunter-Lab	23.4061, 50.6638, -106.5614

Details

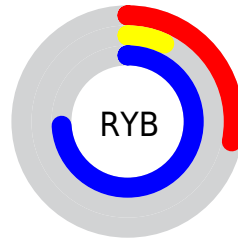
The YIQ color **53.9280, -23.5780, 63.8940** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **154.0720, 23.5780, -63.8940**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **112.2490, -20.0480, 66.0000**, and **15.2760, -43.0140, 41.6740** is the 20% darker color. If you saturate the color by 10%, you get **38.8880, -26.1010, 71.0750**, and if you desaturate by 10%, it is **68.9680, -21.0550, 56.7130**.

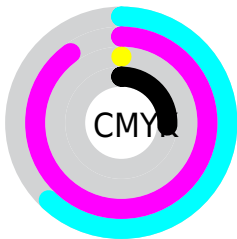
Distribution



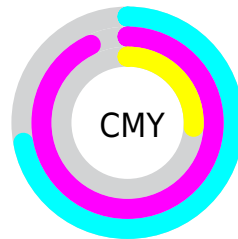
- Red (28%)
- Green (7%)
- Blue (74%)



- Red (28%)
- Yellow (7%)
- Blue (74%)



- Cyan (62%)
- Magenta (90%)
- Yellow (0%)
- Black (26%)



- Cyan (72%)
- Magenta (93%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.9280, -23.5780, 63.8940 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 53.9280, -23.5780, 63.8940 by changing the saturation by 10% instead.

■ 53.9280, -23.5780,
63.8940

■ 53.9280, -23.5780,
63.8940

■ 255.0000, -0.0000,
-0.0000

■ 27.3240, -33.8010,
56.4310

■ 112.2490,
-20.0480, 66.0000

■ 15.2760, -43.0140,
41.6740

■ 137.6920,
-11.2900, 61.4620

■ 12.3120, -34.6680,
33.5880

■ 162.5110, -0.8350,
53.7010

■ 11.6960, -27.4220,
23.4100

■ 187.3300, 9.6200,
45.9400

■ 9.5470, -19.9930,
15.4230

■ 212.7360, 19.8000,
37.6560


■ 5.2780, -12.1060,
10.1500


■ 229.7590, 11.8250,


■ 1.2540, -3.5310,


22.4890


3.4210


 246.1950, 4.1250,
7.8450


 0.0000, 0.0000,
0.0000


 53.9280, -23.5780,
63.8940


 53.9280, -23.5780,
63.8940

 38.8880, -26.1010,
71.0750

 68.9680, -21.0550,
56.7130

 84.0080, -18.5320,
49.5320

 99.0480, -16.0090,
42.3510

 114.0880,
-13.4860, 35.1700

 128.8400,
-10.0920, 28.7240

■ 143.8800, -7.5690,
21.5430

■ 158.9200, -5.0460,
14.3620

■ 173.9600, -2.5230,
7.1810

■ 189.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



68.8600, -91.9330, 30.6510



53.9280, -23.5780, 63.8940



62.8730, 57.3440, 73.1200

Triad

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



53.9280, -23.5780, 63.8940



58.2080, 64.0040, 7.4600



62.7480, -52.6770, -20.0130

Complementary

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



53.9280, -23.5780, 63.8940



154.0720, 23.5780, -63.8940

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.



51.0690, -23.9250, -45.5010



53.9280, -23.5780, 63.8940



60.2150, 17.4270, -23.9890

Square

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



53.9280, -23.5780, 63.8940



49.6340, 98.9360, 35.1920



48.7210, -22.8250, -43.4090



72.4720, -77.3020, 2.2660

Rectangle

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



53.9280, -23.5780, 63.8940



63.1530, 85.3140, 61.8100



48.7210, -22.8250, -43.4090



59.0830, -43.7350, -27.8870

Sweetspot

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



53.9280, -23.5780, 63.8940



192.5040, -9.2660, 24.7660



108.2330, -87.2950, -9.3670



91.0340, -5.3670, 14.6730



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



53.9280, -23.5780, 63.8940



50.3550, -33.9450, 92.0950



79.0440, 26.4860, 81.7020



86.9230, -1.1010, 3.4350



32.3640, -22.1100, 59.3140



6.2250, -4.5870, 11.5490

Inverse Universe

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



83.2820, 63.4420, 72.7380



92.6350, 91.4500, 104.8100



128.9560, -26.4860, -81.7020



88.3750, 3.4380, 3.7740



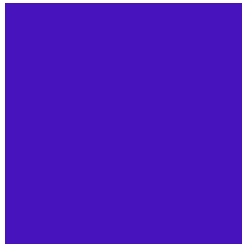
59.7820, 58.8580, 67.7060



11.6630, 11.7350, 13.1030

Previews

White Background



This preview shows how the YIQ color 53.9280, -23.5780, 63.8940 looks on a white background.

Color Contrast Check

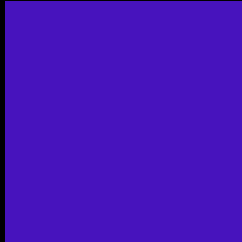
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.9280, -23.5780, 63.8940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

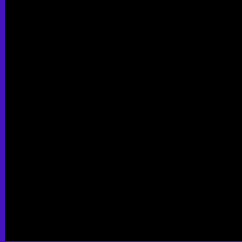
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.9280, -23.5780, 63.8940

Background



This preview shows how black text looks on a background with the YIQ color 53.9280, -23.5780, 63.8940.



This preview shows how white text looks on a background with the YIQ color 53.9280, -23.5780,

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

53.9280, -23.5780, 63.8940

Protanopia

53.6590, -61.5310, 8.3010

Deuteranopia

53.7270, -56.2110, -0.0110



Tritanopia

52.5580, -46.0300, -13.8220

Trichromacy



Original Color

53.9280, -23.5780, 63.8940

Protanomaly

53.6200, -47.4590, 28.6130

Deuteranomaly

54.0130, -44.4320, 23.3120

Tritanomaly

53.1520, -37.8740, 14.5900

Monochromacy



Original Color

53.9280, -23.5780, 63.8940

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

53.7490, -8.5780, 23.3100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.9280, -23.5780, 63.8940 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(71, 19, 189)` looks like.

```
.text, #text, p{  
    color:rgb(71, 19, 189)  
}
```

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(71, 19, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 19, 189) }
```

Border

The CSS property to change the border of an element to YIQ 53.9280, -23.5780, 63.8940 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(71, 19, 189) }
```


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

```
.border{ border-color:rgb(71, 19, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 19, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 19, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 19, 189);  
box-shadow:4px 4px 4px 4px rgb(71, 19,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 53.9280, -23.5780, 63.8940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 19, 189) }
```

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

```
.background{ background-color: rgb(71, 19,  
189) }
```

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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