

Converting Colors

YIQ(95.0520, -40.1680, 23.1280)

Have a look what the booklet for
YIQ(95.0520, -40.1680, 23.1280)
contains.

YIQ(95.0520, -40.1680, 23.1280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(95.0520, -40.1680,
23.1280)**

Conversions

Conversions Part 1

Format	Color
Hex	475BB3
RGB	71, 91, 179
RGB Percent	28%, 36%, 70%
CMY	0.7215, 0.6431, 0.2983
CMYK	0.60, 0.49, 0.00, 0.30
HSL	229°, 43%, 49%
HSV	229°, 60%, 70%
XYZ	14.4713, 12.0756, 44.1852
YIQ	95.0520, -40.1680, 23.1280

Conversions

Conversions Part 2

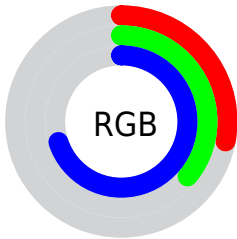
Format	Color
R_{YB}	71, 88, 179
Decimal	4676531
CIE _{Lab}	41.34, 19.85, -49.22
CIE _{LCh}	41, 53.068, 291.966
Yxy	12.0756, 0.2046, 0.1707
Android (android.graphics.Color)	4282866611 (0xFF475BB3)
YUV	95.0520, 41.3864, -21.0936
Hunter-Lab	34.7500, 13.5221, -51.0631

Details

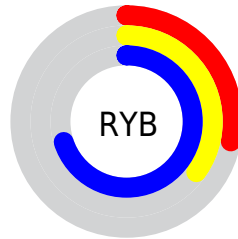
The YIQ color $95.0520, -40.1680, 23.1280$ is a dark color, and the websafe version is hex $3366CC$. A complement of this color would be $154.9480, 40.1680, -23.1280$, and the grayscale version is $95.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $147.8290, -37.9220, 26.4780$, and $41.2520, -52.7750, 14.8170$ is the 20% darker color. If you saturate the color by 10%, you get $80.8650, -46.7710, 27.1570$, and if you desaturate by 10%, it is $109.2390, -33.5650, 19.0990$.

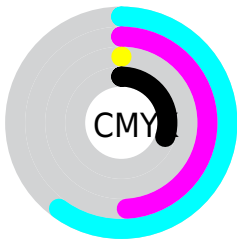
Distribution



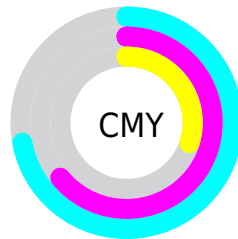
- Red (28%)
- Green (36%)
- Blue (70%)



- Red (28%)
- Yellow (35%)
- Blue (70%)



- Cyan (60%)
- Magenta (49%)
- Yellow (0%)
- Black (30%)



- Cyan (72%)
- Magenta (64%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.0520, -40.1680, 23.1280 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 95.0520, -40.1680, 23.1280 by changing the saturation by 10% instead.

■ 95.0520, -40.1680,
23.1280

■ 95.0520, -40.1680,
23.1280

■ 255.0000, -0.0000,
-0.0000

■ 68.9050, -44.2480,
19.9760

■ 147.8290,
-37.9220, 26.4780

■ 41.2520, -52.7750,
14.8170

■ 174.0420,
-34.2080, 25.2480

■ 26.6620, -39.2500,
17.5020

■ 198.5620,
-24.3490, 17.2750

■ 8.5500, -24.0750,
23.3250

■ 223.6690,
-14.7650, 8.7790

■ 8.2760, -17.7920,
14.0800

■ 249.3630, -5.4560,
-0.2400

■ 4.5940, -10.1800,
8.2840

■ 0.0000, 0.0000,

0.0000

■ 95.0520, -40.1680,
23.1280

■ 95.0520, -40.1680,
23.1280

■ 80.8650, -46.7710,
27.1570

■ 109.2390,
-33.5650, 19.0990

■ 67.2650, -53.6490,
30.6630

■ 122.8390,
-26.6870, 15.5930

■ 53.0780, -60.2520,
34.6920

■ 137.0260,
-20.0840, 11.5640

■ 39.7770, -66.5340,
38.4100

■ 150.6260,
-13.2060, 8.0580

■ 164.5140, -7.1990,
3.8170

■ 178.1140, -0.3210,
0.3110

■ 192.3010, 6.2820,
-3.7180

■ 206.4880, 12.8850,
-7.7470

■ 220.0880, 19.7630,
-11.2530

Harmonies

Analogous

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



83.1980, -88.2140, 1.7860



95.0520, -40.1680, 23.1280



99.6800, 14.2060, 39.9180

Triad

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



95.0520, -40.1680, 23.1280



93.2850, 65.1050, 4.0250



78.2550, -59.1390, -35.0670

Complementary

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



95.0520, -40.1680, 23.1280



154.9480, 40.1680, -23.1280

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.



77.3550, -30.4820, -42.3060



95.0520, -40.1680, 23.1280



91.6890, 51.2630, -20.4570

Square

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



95.0520, -40.1680, 23.1280



92.0630, 66.7510, 29.2710



87.6480, 22.9770, -36.4710



83.3850, -73.5840, -21.0720

Rectangle

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



95.0520, -40.1680, 23.1280



96.2610, 40.4310, 43.7190



87.6480, 22.9770, -36.4710



75.9580, -54.0490, -39.2090

Sweetspot

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



95.0520, -40.1680, 23.1280



199.4840, -15.6820, 8.8780



144.2000, -57.3060, -29.7380



96.8990, -9.7210, 5.4710



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



95.0520, -40.1680, 23.1280



102.2350, -62.1320, 35.7240



92.8800, -15.5960, 40.3720



82.2000, -3.4390, 1.7530



33.8780, -56.8130, 32.9390



5.8990, -9.7210, 5.4710

Inverse Universe

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



105.5720, 57.9480, 29.1160



118.4670, 89.5810, 45.0450



157.1200, 15.5960, -40.3720



82.9190, 4.7220, 2.5300



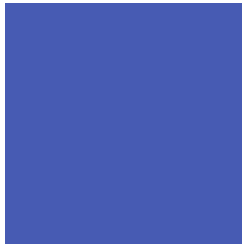
48.9390, 82.2000, 41.1440



8.3440, 13.8910, 7.0670

Previews

White Background



This preview shows how the YIQ color 95.0520, -40.1680, 23.1280 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 × Fail

Black Background



This preview shows how the YIQ color 95.0520, -40.1680, 23.1280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

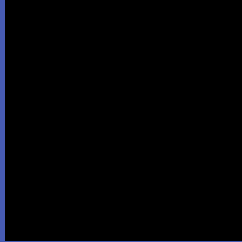
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.0520, -40.1680, 23.1280

Background



This preview shows how black text looks on a background with the YIQ color 95.0520, -40.1680, 23.1280.



This preview shows how white text looks on a background with the YIQ color 95.0520, -40.1680,

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

95.0520, -40.1680, 23.1280

Protanopia

90.8760, -54.4720, 18.0400

Deuteranopia

78.0630, -83.4000, 2.6480



Tritanopia

87.5910, -41.6290, -10.9810

Trichromacy



Original Color

95.0520, -40.1680, 23.1280

Protanomaly

92.5670, -49.1080, 19.9480

Deuteranomaly

84.1900, -67.4000, 10.0400

Tritanomaly

90.5670, -41.0810, 1.1190

Monochromacy



Original Color

95.0520, -40.1680, 23.1280

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.2560, -15.0400, 8.2560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.0520, -40.1680, 23.1280 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, 91, 179)` looks like.

```
.text, #text, p{  
    color:rgb(71, 91, 179)  
}
```

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, 91, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 91, 179) }
```

Border

The CSS property to change the border of an element to YIQ 95.0520, -40.1680, 23.1280 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, 91, 179) }
```


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

```
.border{ border-color:rgb(71, 91, 179) }
```

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

Here you see how a box with a 4 pixel rgb(71, 91, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 91, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 91, 179);  
box-shadow:4px 4px 4px 4px rgb(71, 91,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 95.0520, -40.1680, 23.1280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 91, 179) }
```

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

```
.background{ background-color: rgb(71, 91,  
179) }
```

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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