

Converting Colors

YIQ(41.1590, 23.2830, 46.1230)

Have a look what the booklet for
YIQ(41.1590, 23.2830, 46.1230)
contains.

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Color

**YIQ(41.1590, 23.2830,
46.1230)**

Conversions

Conversions Part 1

Format	Color
Hex	5C055E
RGB	92, 5, 94
RGB Percent	36%, 2%, 37%
CMY	0.6390, 0.9805, 0.6313
CMYK	0.02, 0.95, 0.00, 0.63
HSL	299°, 90%, 19%
HSV	299°, 95%, 37%
XYZ	6.4948, 3.1948, 10.8654
YIQ	41.1590, 23.2830, 46.1230

Conversions

Conversions Part 2

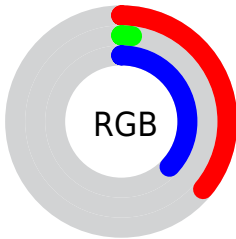
Format	Color
R_{YB}	92, 5, 94
Decimal	6030686
CIE _{Lab}	20.81, 45.76, -29.31
CIE _{LCh}	21, 54.341, 327.365
Yxy	3.1948, 0.3160, 0.1554
Android (android.graphics.Color)	4284220766 (0xFF5C055E)
YUV	41.1590, 26.0506, 44.5876
Hunter-Lab	17.8739, 33.5822, -23.5302

Details

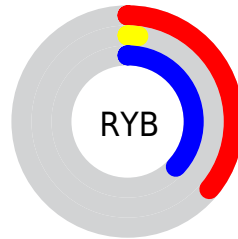
The YIQ color **41.1590, 23.2830, 46.1230** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **57.8410, -23.2830, -46.1230**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **97.4530, 22.2750, 42.3630**, and **18.9270, 11.4120, 24.4680** is the 20% darker color. If you saturate the color by 10%, you get **38.2240, 24.6580, 48.7380**, and if you desaturate by 10%, it is **46.4420, 20.8080, 41.4160**.

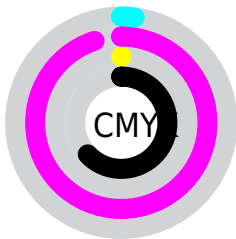
Distribution



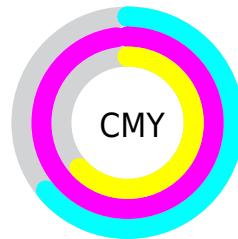
- Red (36%)
- Green (2%)
- Blue (37%)



- Red (36%)
- Yellow (2%)
- Blue (37%)



- Cyan (2%)
- Magenta (95%)
- Yellow (0%)
- Black (63%)



- Cyan (64%)
- Magenta (98%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.1590, 23.2830, 46.1230 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 41.1590, 23.2830, 46.1230 by changing the saturation by 10% instead.

41.1590, 23.2830,
46.1230

41.1590, 23.2830,
46.1230

255.0000, -0.0000,
-0.0000

27.7140, 16.8660,
35.7620

97.4530, 22.2750,
42.3630

18.9270, 11.4120,
24.4680

124.1650, 23.1460,
43.0980

3.2630, -7.7500,
8.2980

150.8770, 24.0170,
43.8330

0.0000, 0.0000,
0.0000


178.5890, 24.8880,
44.5680


205.1050, 23.3750,
44.4550


221.5410, 15.6750,


29.8110


 237.9770, 7.9750,
15.1670


 41.1590, 23.2830,
46.1230


 41.1590, 23.2830,
46.1230


 38.2240, 24.6580,
48.7380

 46.4420, 20.8080,
41.4160

 52.3120, 18.0580,
36.1860

 57.8940, 16.1790,
31.6910

 63.7640, 13.4290,
26.4610

 69.0470, 10.9540,
21.7540

■ 74.3300, 8.4790,
17.0470

■ 80.4990, 6.3250,
12.0290

■ 85.7820, 3.8500,
7.3220

■ 91.6520, 1.1000,
2.0920

Harmonies

Analogous

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



44.9660, -37.0500, 21.6860



41.1590, 23.2830, 46.1230



40.3560, 50.2890, 41.2730

Triad

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



41.1590, 23.2830, 46.1230



47.9100, 26.1360, -11.1120



48.5460, -45.7560, -7.7720

Complementary

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



41.1590, 23.2830, 46.1230



57.8410, -23.2830, -46.1230

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.



43.2850, -32.3200, -20.0000



41.1590, 23.2830, 46.1230



41.5210, -1.0500, -25.0340

Square

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



41.1590, 23.2830, 46.1230



44.2540, 49.1950, 6.0190



36.9810, -17.3250, -32.9490



51.0200, -55.4780, 3.2260

Rectangle

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



41.1590, 23.2830, 46.1230



37.9900, 59.8270, 33.6110



36.9810, -17.3250, -32.9490



47.0640, -41.5830, -11.8150

Sweetspot

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



41.1590, 23.2830, 46.1230



102.0420, 9.3500, 17.7820



16.9070, -29.3940, 26.1100



48.6730, 5.7750, 10.9830



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



41.1590, 23.2830, 46.1230



49.7880, 32.3580, 63.3820



36.9690, 37.9570, 33.4850



43.0650, 1.3750, 2.6150



44.5330, 28.4620, 56.8940



96.3860, 62.1950, 122.8910

Inverse Universe

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



31.8390, 52.4020, 19.4900



36.8200, 71.7490, 26.7970



62.0310, -37.9570, -33.4850



42.4950, 2.9800, 1.0600



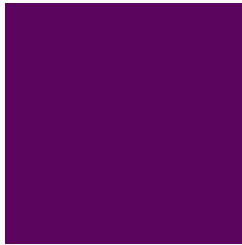
33.1180, 64.9180, 23.9420



71.4330, 139.6470, 51.7990

Previews

White Background



This preview shows how the YIQ color 41.1590, 23.2830, 46.1230 looks on a white background.

Color Contrast Check

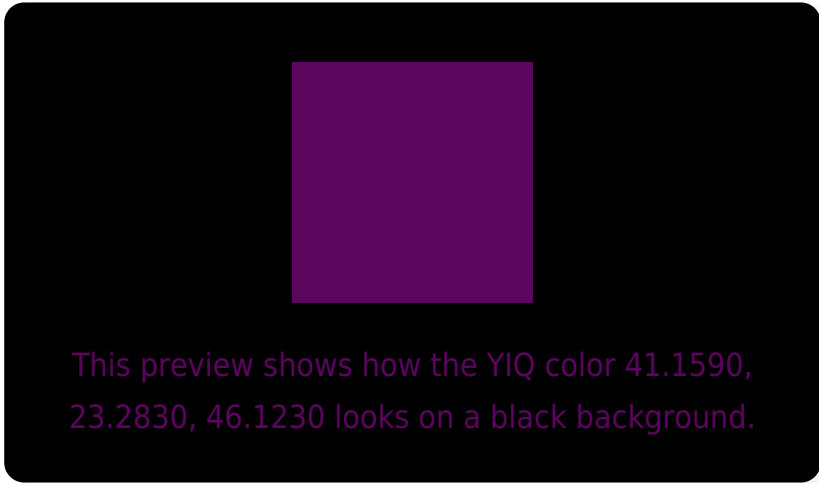
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

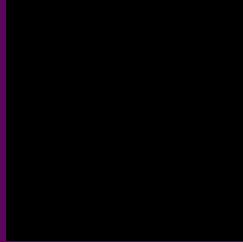
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.1590, 23.2830, 46.1230

Background



This preview shows how black text looks on a background with the YIQ color 41.1590, 23.2830, 46.1230.



This preview shows how white text looks on a background with the YIQ color 41.1590, 23.2830,

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

41.1590, 23.2830, 46.1230

Protanopia

42.3630, -49.0140, 7.2260

Deuteranopia

50.7000, -25.2180, 5.4860



Tritanopia

51.9930, 28.2410, 11.3210

Trichromacy



Original Color

41.1590, 23.2830, 46.1230

Protanomaly

41.6810, -23.0660, 21.5580

Deuteranomaly

47.2390, -7.2020, 20.3980

Tritanomaly

47.8270, 26.3130, 24.2410

Monochromacy



Original Color

41.1590, 23.2830, 46.1230

Achromatopsia

41.0000, 0.0000, -0.0000

Achromatomaly

41.2160, 8.8000, 16.7360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.1590, 23.2830, 46.1230 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(92, 5, 94)` looks like.

```
.text, #text, p{  
    color:rgb(92, 5, 94)  
}
```

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(92, 5, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 5, 94) }
```

Border

The CSS property to change the border of an element to YIQ 41.1590, 23.2830, 46.1230 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(92, 5, 94) }
```


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

```
.border{ border-color:rgb(92, 5, 94) }
```

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

Here you see how a box with a 4 pixel rgb(92, 5, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 5, 94); -webkit-box-shadow:4px  
4px 4px 4px rgb(92, 5, 94); box-shadow:4px  
4px 4px 4px rgb(92, 5, 94) }
```

Background

The CSS property to change the background color of an element to YIQ 41.1590, 23.2830, 46.1230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 5, 94) }
```

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

```
.background{ background-color: rgb(92, 5,  
94) }
```

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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