

Converting Colors

YIQ(46.6010, 24.6140, 38.5180)

Have a look what the booklet for
YIQ(46.6010, 24.6140, 38.5180)
contains.

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Color

**YIQ(46.6010, 24.6140,
38.5180)**

Conversions

Conversions Part 1

Format	Color
Hex	5E0F55
RGB	94, 15, 85
RGB Percent	37%, 6%, 33%
CMY	0.6311, 0.9413, 0.6666
CMYK	0.00, 0.84, 0.10, 0.63
HSL	307°, 73%, 21%
HSV	307°, 84%, 37%
XYZ	6.4326, 3.3796, 8.9099
YIQ	46.6010, 24.6140, 38.5180

Conversions

Conversions Part 2

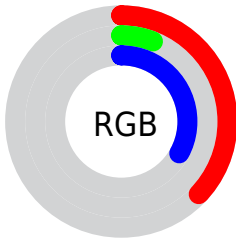
Format	Color
RYB	94, 15, 85
Decimal	6164309
CIELab	21.50, 42.11, -22.17
CIELCh	22, 47.584, 332.234
Yxy	3.3796, 0.3436, 0.1805
Android (android.graphics.Color)	4284354389 (0xFF5E0F55)
YUV	46.6010, 18.9307, 41.5689
Hunter-Lab	18.3836, 30.2879, -15.8673




Details

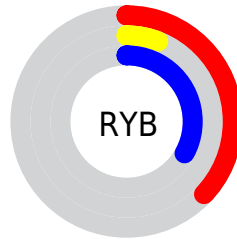
The YIQ color **46.6010, 24.6140, 38.5180** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **62.3990, -24.6140, -38.5180**, and the grayscale version is **46.0000, 0.0000, -0.0000**.




A 20% lighter version of the original color is **99.8460, 25.3020, 37.0620**, and **18.3140, 14.5760, 22.1920** is the 20% darker color. If you saturate the color by 10%, you get **41.2040, 27.4100, 42.9140**, and if you desaturate by 10%, it is **51.9980, 21.8180, 34.1220**.

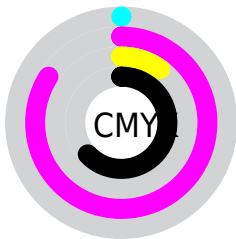
Distribution







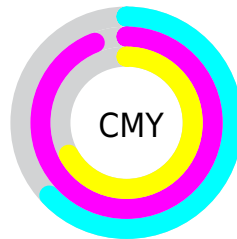
-  Red (37%)
-  Green (6%)
-  Blue (33%)






-  Red (37%)
-  Yellow (6%)
-  Blue (33%)



-  Cyan (0%)
-  Magenta (84%)
-  Yellow (10%)
-  Black (63%)



-  Cyan (63%)
-  Magenta (94%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 46.6010, 24.6140, 38.5180 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 46.6010, 24.6140, 38.5180 by changing the saturation by 10% instead.

46.6010, 24.6140,
38.5180

46.6010, 24.6140,
38.5180

255.0000, -0.0000,
-0.0000

27.6990, 21.2220,
33.9100

99.8460, 25.3020,
37.0620

18.3140, 14.5760,
22.1920

125.8570, 26.7690,
38.0090

3.7320, -1.8810,
6.5590

152.5690, 27.6400,
38.7440

0.0000, 0.0000,
0.0000

180.2810, 28.5110,
39.4790

206.3130, 25.4850,
39.2530

223.8890, 14.5750,

27.7190

■ 240.9120, 6.6000,
12.5520

■ 46.6010, 24.6140,
38.5180

■ 46.6010, 24.6140,
38.5180

■ 41.2040, 27.4100,
42.9140

■ 51.9980, 21.8180,
34.1220

■ 37.5680, 29.3810,
45.7410

■ 57.9820, 18.7470,
29.2030

■ 63.3790, 15.9510,
24.8070

■ 69.3630, 12.8800,
19.8880

■ 74.7600, 10.0840,
15.4920

■ 80.1570, 7.2880,
11.0960

■ 86.2550, 3.8960,
6.4880

■ 91.6520, 1.1000,
2.0920

■ 97.6360, -1.9710,
-2.8270

Harmonies

Analogous

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



51.4860, -18.0230, 23.7770



46.6010, 24.6140, 38.5180



38.7040, 49.1890, 39.1810

Triad

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



46.6010, 24.6140, 38.5180



48.4750, 22.9270, -13.5290



48.8880, -46.7190, -6.8390

Complementary

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



46.6010, 24.6140, 38.5180



62.3990, -24.6140, -38.5180

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.



44.7840, -35.1630, -18.0350



46.6010, 24.6140, 38.5180



42.9940, -1.0040, -25.8680

Square

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



46.6010, 24.6140, 38.5180



48.0420, 43.7400, 0.2520



39.2780, -22.4150, -28.8070



49.9770, -53.9190, 2.5050

Rectangle

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



46.6010, 24.6140, 38.5180



36.0820, 56.5720, 32.0280



39.2780, -22.4150, -28.8070



47.5200, -42.8670, -10.5710

Sweetspot

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



46.6010, 24.6140, 38.5180



104.0480, 9.2130, 14.7570



26.3980, -20.5910, 26.2650



50.2060, 5.5920, 8.7920



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.



46.6010, 24.6140, 38.5180



48.7900, 38.0440, 59.4520



42.2690, 36.8120, 26.7000



42.9510, 1.6960, 2.3040



43.9480, 34.4230, 53.4870



94.8030, 73.8420, 115.5540

Inverse Universe

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



46.6010, 24.6140, 38.5180



48.7900, 38.0440, 59.4520



66.7310, -36.8120, -26.7000



42.9510, 1.6960, 2.3040



43.9480, 34.4230, 53.4870



94.8030, 73.8420, 115.5540

Previews

White Background



This preview shows how the YIQ color 46.6010, 24.6140, 38.5180 looks on a white background.

Color Contrast Check

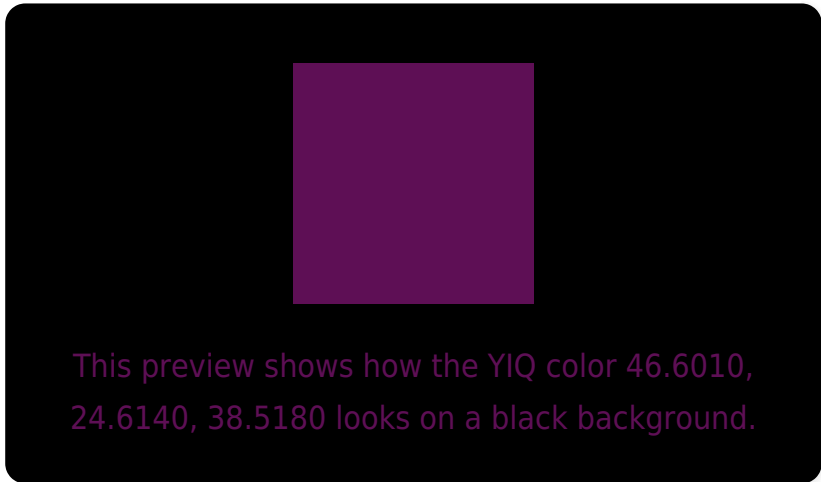
Large Text (above 18pt) WCAG AA ✓ Pass

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

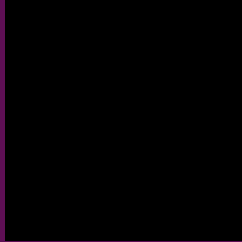
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 46.6010, 24.6140, 38.5180

Background



This preview shows how black text looks on a background with the YIQ color 46.6010, 24.6140, 38.5180.



This preview shows how white text looks on a background with the YIQ color 46.6010, 24.6140,

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

46.6010, 24.6140, 38.5180

Protanopia

43.0640, -49.6100, 7.0140

Deuteranopia

52.7890, -15.2230, 6.0650



Tritanopia

52.0750, 30.9460, 11.8580

Trichromacy



Original Color

46.6010, 24.6140, 38.5180

Protanomaly

44.5730, -22.8820, 18.2220

Deuteranomaly

50.4800, -0.6910, 18.0370

Tritanomaly

49.9150, 28.8810, 21.7530

Monochromacy



Original Color

46.6010, 24.6140, 38.5180

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.6350, 8.9380, 14.2340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 46.6010, 24.6140, 38.5180 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(94, 15, 85)` looks like.

```
.text, #text, p{  
    color:rgb(94, 15, 85)  
}
```

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(94, 15, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 15, 85) }
```

Border

The CSS property to change the border of an element to YIQ 46.6010, 24.6140, 38.5180 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(94, 15, 85) }
```


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

```
.border{ border-color:rgb(94, 15, 85) }
```

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

Here you see how a box with a 4 pixel rgb(94, 15, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 15, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 15, 85);  
box-shadow:4px 4px 4px 4px rgb(94, 15, 85)  
}
```

Background

The CSS property to change the background color of an element to YIQ 46.6010, 24.6140, 38.5180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 15, 85) }
```

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

```
.background{ background-color: rgb(94, 15,  
85) }
```

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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