

Converting Colors

YIQ(56.1590, 4.9470, 25.9950)

Have a look what the booklet for
YIQ(56.1590, 4.9470, 25.9950)
contains.

YIQ(56.1590, 4.9470, 25.9950)	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(56.1590, 4.9470,
25.9950)**

Conversions

Conversions Part 1

Format	Color
Hex	4D265F
RGB	77, 38, 95
RGB Percent	30%, 15%, 37%
CMY	0.6979, 0.8510, 0.6275
CMYK	0.19, 0.60, 0.00, 0.63
HSL	281°, 43%, 26%
HSV	281°, 60%, 37%
XYZ	5.8211, 3.7904, 11.2498
YIQ	56.1590, 4.9470, 25.9950

Conversions

Conversions Part 2

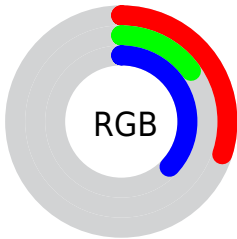
Format	Color
R_{YB}	77, 38, 95
Decimal	5056095
CIE _{Lab}	22.97, 29.13, -26.66
CIE _{LCh}	23, 39.491, 317.529
Y _{xy}	3.7904, 0.2790, 0.1817
Android (android.graphics.Color)	4283246175 (0xFF4D265F)
YUV	56.1590, 19.1486, 18.2776
Hunter-Lab	19.4691, 19.2991, -20.6312




Details

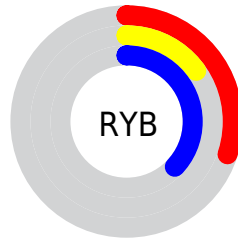
The YIQ color **56.1590, 4.9470, 25.9950** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **76.8410, -4.9470, -25.9950**, and the grayscale version is **56.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **104.8110, 6.0470, 28.0870**, and **15.0400, 3.6640, 21.7120** is the 20% darker color. If you saturate the color by 10%, you get **49.3920, 5.9090, 30.5890**, and if you desaturate by 10%, it is **62.3390, 4.2600, 21.9240**.

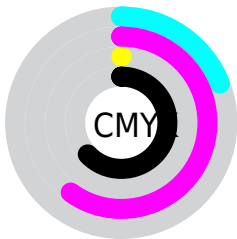
Distribution







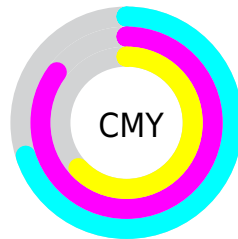
-  Red (30%)
-  Green (15%)
-  Blue (37%)






-  Red (30%)
-  Yellow (15%)
-  Blue (37%)



-  Cyan (19%)
-  Magenta (60%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (70%)
-  Magenta (85%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.1590, 4.9470, 25.9950 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 56.1590, 4.9470, 25.9950 by changing the saturation by 10% instead.

■ 56.1590, 4.9470,
25.9950

■ 56.1590, 4.9470,
25.9950

■ 255.0000, -0.0000,
-0.0000

■ 32.7460, 4.6720,
25.4720

■ 104.8110, 6.0470,
28.0870

■ 15.0400, 3.6640,
21.7120

■ 130.3380, 6.0010,
28.9210

■ 3.6650, -8.9420,
7.8740

■ 157.0500, 6.8720,
29.6560

■ 0.0000, 0.0000,
0.0000

■ 183.8760, 7.4220,
30.7020

■ 211.1750, 8.0180,
30.9140

■ 232.6940, 10.4500,

19.8740

249.7170, 2.4750,
4.7070

56.1590, 4.9470,
25.9950

56.1590, 4.9470,
25.9950

49.3920, 5.9090,
30.5890

62.3390, 4.2600,
21.9240

43.2120, 6.5960,
34.6600

69.1060, 3.2980,
17.3300

36.4450, 7.5580,
39.2540

75.2860, 2.6110,
13.2590

30.2650, 8.2450,
43.3250

82.0530, 1.6490,
8.6650

88.2330, 0.9620,
4.5940

■ 95.0000, -0.0000,
-0.0000

■ 101.1800, -0.6870,
-4.0710

■ 107.9470, -1.6490,
-8.6650

■ 114.1270, -2.3360,
-12.7360

Harmonies

Analogous

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



49.2720, -38.3320, 11.8760



56.1590, 4.9470, 25.9950



51.4520, 32.0430, 30.5310

Triad

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



56.1590, 4.9470, 25.9950



52.0850, 33.0130, -9.0910



48.1240, -41.8120, -13.1720

Complementary

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



56.1590, 4.9470, 25.9950



76.8410, -4.9470, -25.9950

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.



44.0030, -31.5860, -22.2900



56.1590, 4.9470, 25.9950



50.1810, 14.7670, -19.8330

Square

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



56.1590, 4.9470, 25.9950



50.6880, 44.9770, 5.3690



41.6980, -14.8500, -28.2420



50.5010, -49.8830, -4.5630

Rectangle

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



56.1590, 4.9470, 25.9950



49.0200, 41.9470, 27.2510



41.6980, -14.8500, -28.2420



46.9840, -38.6020, -16.2820

Sweetspot

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



56.1590, 4.9470, 25.9950



106.9930, 1.8780, 10.0220



55.0640, -23.2470, 8.3130



52.1730, 1.1910, 5.9510



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.



56.1590, 4.9470, 25.9950



62.2710, 8.1080, 40.3000



60.4010, 18.8850, 26.7010



45.3530, 0.5040, 1.8800



35.7910, 9.9400, 51.1560



76.3960, 20.7040, 109.4080

Inverse Universe

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



57.0950, 28.1940, 17.6820



63.5040, 43.4600, 27.3640



72.5990, -18.8850, -26.7010



45.3100, 2.0630, 1.1590



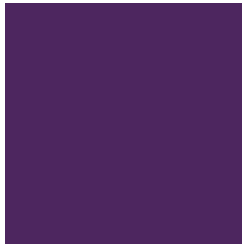
37.4780, 55.5170, 34.6290



80.4240, 118.6440, 74.5160

Previews

White Background



This preview shows how the YIQ color 56.1590, 4.9470, 25.9950 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 56.1590, 4.9470, 25.9950 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 56.1590, 4.9470, 25.9950

Background



This preview shows how black text looks on a background with the YIQ color 56.1590, 4.9470, 25.9950.



This preview shows how white text looks on a background with the YIQ color 56.1590, 4.9470,

25.9950.

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

56.1590, 4.9470, 25.9950

Protanopia

49.4350, -40.3490, 9.8830

Deuteranopia

52.9280, -25.8600, 6.1080



Tritanopia

56.6210, 11.5530, 5.3850

Trichromacy



Original Color

56.1590, 4.9470, 25.9950

Protanomaly

51.8070, -23.6610, 15.8190

Deuteranomaly

53.7170, -14.7200, 13.4720

Tritanomaly

56.5810, 9.0300, 12.5660

Monochromacy



Original Color

56.1590, 4.9470, 25.9950

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

55.8790, 2.1990, 9.7110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.1590, 4.9470, 25.9950 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, 38, 95)` looks like.

```
.text, #text, p{  
    color:rgb(77, 38, 95)  
}
```

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, 38, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 38, 95) }
```

Border

The CSS property to change the border of an element to YIQ 56.1590, 4.9470, 25.9950 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, 38, 95) }
```


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

```
.border{ border-color:rgb(77, 38, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 38, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 38, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 38, 95);  
box-shadow:4px 4px 4px 4px rgb(77, 38, 95)  
}
```

Background

The CSS property to change the background color of an element to YIQ 56.1590, 4.9470, 25.9950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 38, 95) }
```

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

```
.background{ background-color: rgb(77, 38,  
95) }
```

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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