

Converting Colors

YIQ(52.6500, 4.5820, 16.0860)

Have a look what the booklet for
YIQ(52.6500, 4.5820, 16.0860)
contains.

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Color

**YIQ(52.6500, 4.5820,
16.0860)**

Conversions

Conversions Part 1

Format	Color
Hex	43294B
RGB	67, 41, 75
RGB Percent	26%, 16%, 29%
CMY	0.7372, 0.8393, 0.7059
CMYK	0.11, 0.45, 0.00, 0.71
HSL	286°, 29%, 23%
HSV	286°, 45%, 29%
XYZ	4.3787, 3.2871, 7.0599
YIQ	52.6500, 4.5820, 16.0860

Conversions

Conversions Part 2

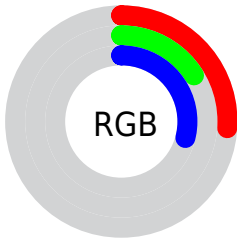
Format	Color
R_{YB}	67, 41, 75
Decimal	4401483
CIE Lab	21.16, 19.07, -16.28
CIE LCh	21, 25.077, 319.516
Yxy	3.2871, 0.2973, 0.2232
Android (android.graphics.Color)	4282591563 (0xFF43294B)
YUV	52.6500, 11.0186, 12.5850
Hunter-Lab	18.1305, 11.3812, -10.3960

Details

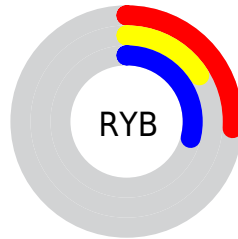
The YIQ color **52.6500, 4.5820, 16.0860** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **63.3500, -4.5820, -16.0860**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **99.8890, 5.4070, 17.6550**, and **11.3080, 5.5450, 15.1530** is the 20% darker color. If you saturate the color by 10%, you get **47.3560, 5.5900, 19.8460**, and if you desaturate by 10%, it is **57.3570, 3.8490, 12.8490**.

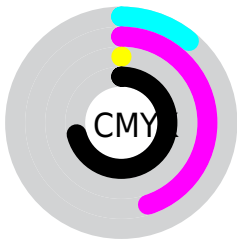
Distribution



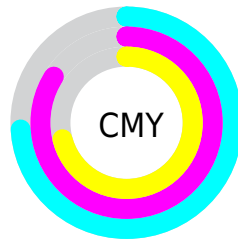
- Red (26%)
- Green (16%)
- Blue (29%)



- Red (26%)
- Yellow (16%)
- Blue (29%)



- Cyan (11%)
- Magenta (45%)
- Yellow (0%)
- Black (71%)



- Cyan (74%)
- Magenta (84%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.6500, 4.5820, 16.0860 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 52.6500, 4.5820, 16.0860 by changing the saturation by 10% instead.

■ 52.6500, 4.5820,
16.0860

■ 52.6500, 4.5820,
16.0860

■ 255.0000, -0.0000,
-0.0000

■ 30.8240, 4.0320,
15.0400

■ 99.8890, 5.4070,
17.6550

■ 11.3080, 5.5450,
15.1530

■ 125.3020, 5.6820,
18.1780

■ 0.3420, -0.9630,
0.9330

■ 150.8290, 5.6360,
19.0120

■ 0.0000, 0.0000,
0.0000

■ 177.5410, 6.5070,
19.7470

■ 205.5410, 6.5070,
19.7470

■ 233.2700, 8.7080,

18.4040

250.3040, 2.2000,
4.1840

52.6500, 4.5820,
16.0860

52.6500, 4.5820,
16.0860

47.3560, 5.5900,
19.8460

57.3570, 3.8490,
12.8490

42.9480, 6.9190,
23.2950

62.6510, 2.8410,
9.0890

37.6540, 7.9270,
27.0550

67.0590, 1.5120,
5.6400

32.9470, 8.6600,
30.2920

72.3530, 0.5040,
1.8800

27.6530, 9.6680,
34.0520

77.0600, -0.2290,
-1.3570

■ 25.5930, 9.8970,
35.4090

■ 82.3540, -1.2370,
-5.1170

■ 86.7620, -2.5660,
-8.5660

■ 92.0560, -3.5740,
-12.3260

■ 96.7630, -4.3070,
-15.5630

Harmonies

Analogous

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



50.5270, -17.2410, 9.5990



52.6500, 4.5820, 16.0860



51.3760, 20.0330, 16.9050

Triad

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



52.6500, 4.5820, 16.0860



49.6910, 22.5590, -6.8570



42.4020, -36.7230, -11.7870

Complementary

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



52.6500, 4.5820, 16.0860



63.3500, -4.5820, -16.0860

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.



40.1220, -30.3030, -18.0070



52.6500, 4.5820, 16.0860



47.9450, 9.8600, -13.5000

Square

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



52.6500, 4.5820, 16.0860



50.3100, 28.4260, 2.4580



44.4960, -7.9290, -16.0010



43.0520, -41.3090, -5.7650

Rectangle

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



52.6500, 4.5820, 16.0860



50.6170, 26.5440, 14.5440



44.4960, -7.9290, -16.0010



41.6040, -34.4760, -13.9640

Sweetspot

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



52.6500, 4.5820, 16.0860



87.8850, 2.0620, 6.6860



49.5720, -13.1140, 6.3900



43.0050, 1.6040, 3.9720



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



52.6500, 4.5820, 16.0860



62.8880, 7.1480, 24.6520



54.0160, 12.2390, 14.9830



35.3530, 0.5040, 1.8800



34.9500, 13.7460, 48.2580



78.8440, 31.0660, 108.8420

Inverse Universe

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



52.0780, 17.6960, 9.6960



61.9160, 27.1400, 14.7560



61.8700, -11.9180, -15.2940



35.3100, 2.0630, 1.1590



33.2340, 53.0880, 29.0880



74.9260, 119.7460, 65.5540

Previews

White Background



This preview shows how the YIQ color 52.6500, 4.5820, 16.0860 looks on a white background.

Color Contrast Check

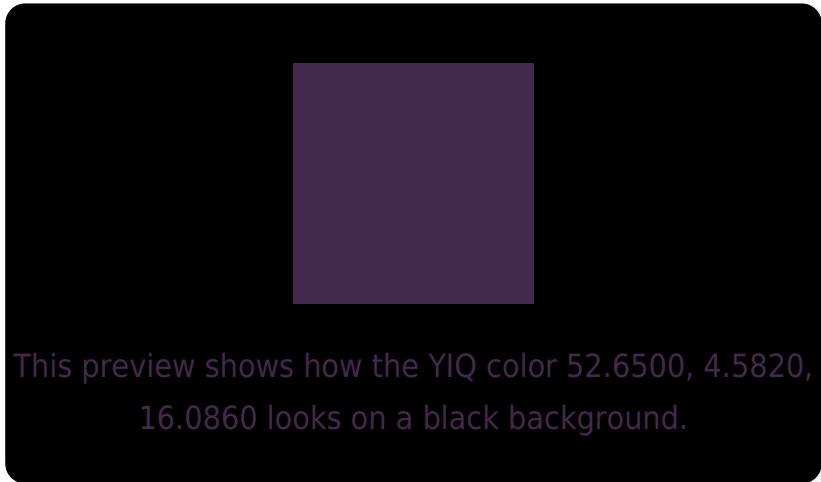
Large Text (above 18pt) WCAG AA ✓ Pass

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

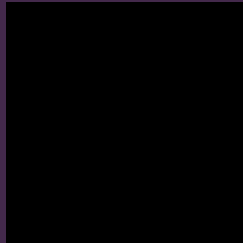
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 52.6500, 4.5820, 16.0860

Background



This preview shows how black text looks on a background with the YIQ color 52.6500, 4.5820, 16.0860.



This preview shows how white text looks on a background with the YIQ color 52.6500, 4.5820,

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

52.6500, 4.5820, 16.0860

Protanopia

50.1740, -17.7450, 7.7190

Deuteranopia

51.1160, -11.8300, 5.1460



Tritanopia

52.1260, 8.5730, 4.3250

Trichromacy



Original Color

52.6500, 4.5820, 16.0860

Protanomaly

51.3600, -9.4010, 10.6870

Deuteranomaly

51.5730, -5.6870, 9.4570

Tritanomaly

52.2770, 6.8300, 8.3820

Monochromacy



Original Color

52.6500, 4.5820, 16.0860

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

53.0590, 1.5120, 5.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.6500, 4.5820, 16.0860 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(67, 41, 75)` looks like.

```
.text, #text, p{  
    color:rgb(67, 41, 75)  
}
```

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(67, 41, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 41, 75) }
```

Border

The CSS property to change the border of an element to YIQ 52.6500, 4.5820, 16.0860 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(67, 41, 75) }
```


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

```
.border{ border-color:rgb(67, 41, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 41, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 41, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 41, 75);  
box-shadow:4px 4px 4px 4px rgb(67, 41, 75)  
}
```

Background

The CSS property to change the background color of an element to YIQ 52.6500, 4.5820, 16.0860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 41, 75) }
```

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

```
.background{ background-color: rgb(67, 41,  
75) }
```

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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