

Converting Colors

YIQ(62.9310, 23.9250, 45.5010)

Have a look what the booklet for
YIQ(62.9310, 23.9250, 45.5010)
contains.

YIQ(62.9310, 23.9250, 45.5010)	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(62.9310, 23.9250,
45.5010)**

Conversions

Conversions Part 1

Format	Color
Hex	721B72
RGB	114, 27, 114
RGB Percent	45%, 11%, 45%
CMY	0.5527, 0.8942, 0.5529
CMYK	0.00, 0.76, 0.00, 0.55
HSL	300°, 62%, 28%
HSV	300°, 76%, 45%
XYZ	10.3769, 5.5791, 16.4516
YIQ	62.9310, 23.9250, 45.5010

Conversions

Conversions Part 2

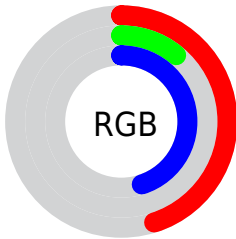
Format	Color
R_{YB}	114, 27, 114
Decimal	7478130
CIE _{Lab}	28.32, 47.92, -30.10
CIE _{LCh}	28, 56.587, 327.862
Yxy	5.5791, 0.3202, 0.1722
Android (android.graphics.Color)	4285668210 (0xFF721B72)
YUV	62.9310, 25.1770, 44.7875
Hunter-Lab	23.6202, 37.0835, -24.7618

Details

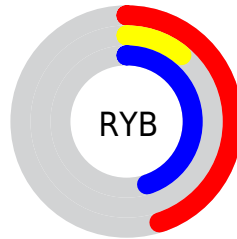
The YIQ color **62.9310, 23.9250, 45.5010** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **78.0690, -23.9250, -45.5010**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.0020, 25.1630, 45.0910**, and **25.9480, 16.0870, 33.3590** is the 20% darker color. If you saturate the color by 10%, you get **56.4740, 26.9500, 51.2540**, and if you desaturate by 10%, it is **69.3880, 20.9000, 39.7480**.

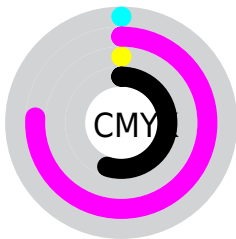
Distribution



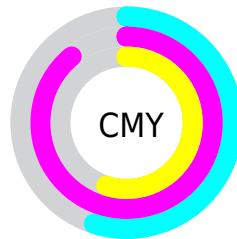
- Red (45%)
- Green (11%)
- Blue (45%)



- Red (45%)
- Yellow (11%)
- Blue (45%)



- Cyan (0%)
- Magenta (76%)
- Yellow (0%)
- Black (55%)



- Cyan (55%)
- Magenta (89%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.9310, 23.9250, 45.5010 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 62.9310, 23.9250, 45.5010 by changing the saturation by 10% instead.

62.9310, 23.9250,
45.5010

62.9310, 23.9250,
45.5010

255.0000, -0.0000,
-0.0000

36.4580, 23.8790,
46.3350

117.0020, 25.1630,
45.0910

25.9480, 16.0870,
33.3590

143.8280, 25.7130,
46.1370

16.8620, 10.0370,
21.8530

171.5400, 26.5840,
46.8720

2.9810, -7.0160,
6.0080

199.2520, 27.4550,
47.6070

0.0000, 0.0000,
0.0000

216.2580, 18.1500,
34.5180

232.6940, 10.4500,

19.8740

250.3040, 2.2000,
4.1840

62.9310, 23.9250,
45.5010

62.9310, 23.9250,
45.5010

56.4740, 26.9500,
51.2540

69.3880, 20.9000,
39.7480

49.4300, 30.2500,
57.5300

76.4320, 17.6000,
33.4720

47.0820, 31.3500,
59.6220

82.8890, 14.5750,
27.7190

89.9330, 11.2750,
21.4430

96.3900, 8.2500,
15.6900

■ 102.8470, 5.2250,
9.9370

■ 109.8910, 1.9250,
3.6610

■ 116.3480, -1.1000,
-2.0920

■ 123.3920, -4.4000,
-8.3680

Harmonies

Analogous

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



64.6400, -33.0160, 25.6720



62.9310, 23.9250, 45.5010



49.4700, 59.1360, 51.6480

Triad

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



62.9310, 23.9250, 45.5010



62.9830, 33.0600, -15.4520



62.0930, -57.7220, -11.1780

Complementary

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



62.9310, 23.9250, 45.5010



78.0690, -23.9250, -45.5010

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.



56.3760, -43.0020, -24.6500



62.9310, 23.9250, 45.5010



57.4690, 4.7280, -30.6320

Square

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



62.9310, 23.9250, 45.5010



61.1100, 58.2280, 2.0040



49.6160, -26.7230, -38.8430



64.2080, -67.8110, 0.9650

Rectangle

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



62.9310, 23.9250, 45.5010



46.7620, 69.6370, 43.0530



49.6160, -26.7230, -38.8430



60.4970, -53.2280, -15.5320

Sweetspot

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



62.9310, 23.9250, 45.5010



128.0420, 9.3500, 17.7820



36.9180, -27.9270, 27.0570



61.6730, 5.7750, 10.9830



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



62.9310, 23.9250, 45.5010



68.1680, 37.4000, 71.1280



58.0290, 37.7280, 32.1280



52.4780, 1.6500, 3.1380



49.5600, 33.0000, 62.7600



102.0110, 67.9250, 129.1810

Inverse Universe

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



62.9310, 23.9250, 45.5010



68.1680, 37.4000, 71.1280



83.0850, -38.0490, -31.8170



52.4780, 1.6500, 3.1380



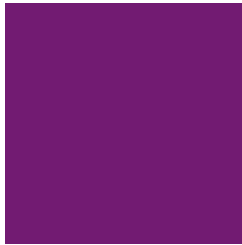
49.5600, 33.0000, 62.7600



102.0110, 67.9250, 129.1810

Previews

White Background



This preview shows how the YIQ color 62.9310, 23.9250, 45.5010 looks on a white background.

Color Contrast Check

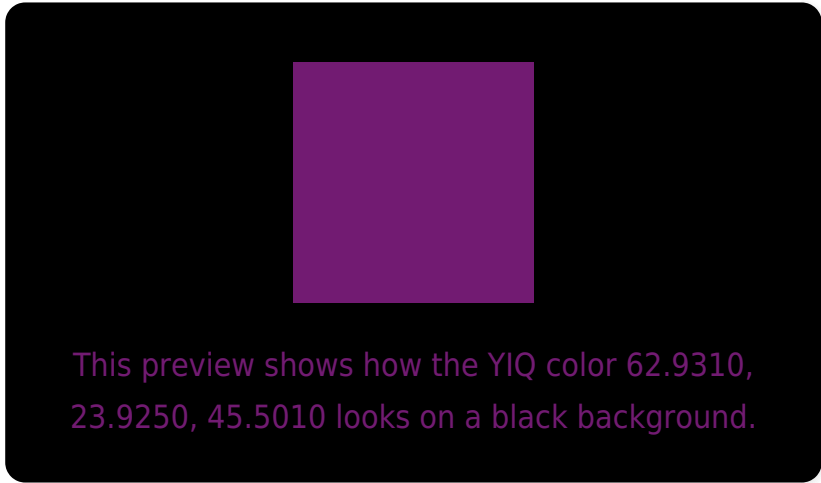
Large Text (above 18pt) WCAG AA ✓ Pass

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

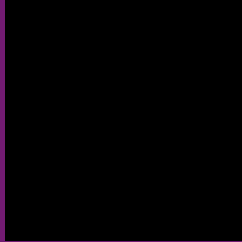
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.9310, 23.9250, 45.5010

Background



This preview shows how black text looks on a background with the YIQ color 62.9310, 23.9250, 45.5010.



This preview shows how white text looks on a background with the YIQ color 62.9310, 23.9250,

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

62.9310, 23.9250, 45.5010

Protanopia

54.7020, -63.0900, 9.0220

Deuteranopia

65.9820, -25.9520, 7.7760



Tritanopia

67.3850, 33.0090, 13.0170

Trichromacy



Original Color

62.9310, 23.9250, 45.5010

Protanomaly

57.7170, -31.9150, 22.2370

Deuteranomaly

64.8800, -7.5690, 21.5430

Tritanomaly

66.0940, 29.9350, 24.6790

Monochromacy



Original Color

62.9310, 23.9250, 45.5010

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.2160, 8.8000, 16.7360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.9310, 23.9250, 45.5010 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(114, 27, 114)` looks like.

```
.text, #text, p{  
    color:rgb(114, 27, 114)  
}
```

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(114, 27, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 27, 114) }
```

Border

The CSS property to change the border of an element to YIQ 62.9310, 23.9250, 45.5010 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(114, 27, 114) }
```


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

```
.border{ border-color:rgb(114, 27, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 27, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 27, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 27, 114);  
box-shadow:4px 4px 4px 4px rgb(114, 27,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 62.9310, 23.9250, 45.5010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 27, 114) }
```

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

```
.background{ background-color: rgb(114, 27,  
114) }
```

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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