

Converting Colors

YIQ(49.9160, 9.9450, 23.5210)

Have a look what the booklet for
YIQ(49.9160, 9.9450, 23.5210)
contains.

YIQ(49.9160, 9.9450, 23.5210)	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(49.9160, 9.9450,
23.5210)**

Conversions

Conversions Part 1

Format	Color
Hex	4A204F
RGB	74, 32, 79
RGB Percent	29%, 13%, 31%
CMY	0.7097, 0.8746, 0.6902
CMYK	0.06, 0.60, 0.00, 0.69
HSL	294°, 42%, 22%
HSV	294°, 60%, 31%
XYZ	4.7539, 3.0538, 7.7362
YIQ	49.9160, 9.9450, 23.5210

Conversions

Conversions Part 2

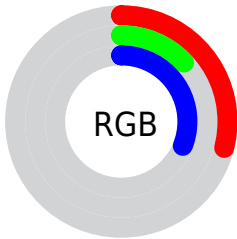
Format	Color
R_{YB}	74, 32, 79
Decimal	4857935
CIE _{Lab}	20.26, 27.94, -20.32
CIE _{LCh}	20, 34.547, 323.968
Yxy	3.0538, 0.3058, 0.1965
Android (android.graphics.Color)	4283048015 (0xFF4A204F)
YUV	49.9160, 14.3384, 21.1217
Hunter-Lab	17.4750, 17.9782, -14.0151

Details

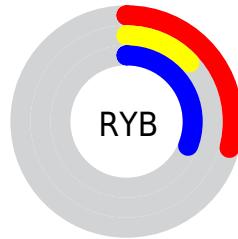
The YIQ color **49.9160, 9.9450, 23.5210** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **61.0840, -9.9450, -23.5210**, and the grayscale version is **50.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **98.0410, 11.0910, 24.7790**, and **13.8570, 8.4330, 17.8810** is the 20% darker color. If you saturate the color by 10%, you get **44.9210, 11.5490, 27.4930**, and if you desaturate by 10%, it is **54.9110, 8.3410, 19.5490**.

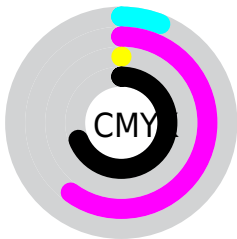
Distribution



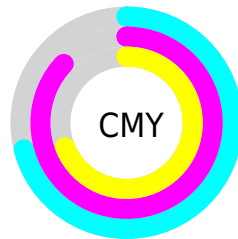
- Red (29%)
- Green (13%)
- Blue (31%)



- Red (29%)
- Yellow (13%)
- Blue (31%)



- Cyan (6%)
- Magenta (60%)
- Yellow (0%)
- Black (69%)



- Cyan (71%)
- Magenta (87%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 49.9160, 9.9450, 23.5210 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 49.9160, 9.9450, 23.5210 by changing the saturation by 10% instead.

■ 49.9160, 9.9450,
23.5210

■ 49.9160, 9.9450,
23.5210

■ 255.0000, -0.0000,
-0.0000

■ 26.6170, 9.3490,
23.3090

■ 98.0410, 11.0910,
24.7790

■ 13.8570, 8.4330,
17.8810

■ 123.2800, 11.9160,
26.3480

■ 1.0260, -2.8890,
2.7990

■ 149.5790, 12.5120,
26.5600


■ 0.0000, 0.0000,
0.0000


■ 176.4050, 13.0620,
27.6060


■ 203.8180, 13.3370,
28.1290


■ 228.5850, 12.3750,


23.5350


 245.0210, 4.6750,
8.8910


 49.9160, 9.9450,
23.5210


 49.9160, 9.9450,
23.5210


 44.9210, 11.5490,
27.4930


 54.9110, 8.3410,
19.5490

 39.9260, 13.1530,
31.4650


 59.9060, 6.7370,
15.5770

 35.2300, 15.3530,
35.6490

 64.9010, 5.1330,
11.6050

 30.2350, 16.9570,
39.6210

 69.5970, 2.9330,
7.4210

 74.0050, 1.6040,
3.9720

■ 79.0000, -0.0000,
0.0000

■ 83.9950, -1.6040,
-3.9720

■ 88.9900, -3.2080,
-7.9440

■ 93.9850, -4.8120,
-11.9160

Harmonies

Analogous

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



47.7210, -20.5430, 14.3770



49.9160, 9.9450, 23.5210



46.3930, 30.5310, 24.8910

Triad

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



49.9160, 9.9450, 23.5210



46.4370, 26.0900, -10.2780



43.0860, -38.6490, -9.9210

Complementary

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



49.9160, 9.9450, 23.5210



61.0840, -9.9450, -23.5210

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



49.9160, 9.9450, 23.5210



43.6690, 10.4570, -18.8150

Square

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



49.9160, 9.9450, 23.5210



45.8180, 38.5590, 0.5350



35.9840, -21.4070, -25.0470



44.3060, -44.8400, -2.3440

Rectangle

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



49.9160, 9.9450, 23.5210



45.3520, 37.7760, 20.2400



35.9840, -21.4070, -25.0470



42.0600, -35.7600, -12.7200

Sweetspot

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



49.9160, 9.9450, 23.5210



90.8360, 3.7580, 8.9900



40.2930, -16.4620, 12.0020



44.2440, 2.4290, 5.5410



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



49.9160, 9.9450, 23.5210



57.3440, 15.0320, 35.9600



49.3590, 18.7030, 18.9830



35.6520, 1.1000, 2.0920



38.8370, 21.4940, 51.0140



87.5150, 48.3500, 114.9900

Inverse Universe

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



46.6230, 26.4070, 11.5190



52.3260, 40.6650, 17.4410



61.6410, -18.7030, -18.9830



35.3100, 2.0630, 1.1590



31.7520, 57.2610, 25.0450



71.5060, 129.3760, 56.2240

Previews

White Background



This preview shows how the YIQ color 49.9160, 9.9450, 23.5210 looks on a white background.

Color Contrast Check

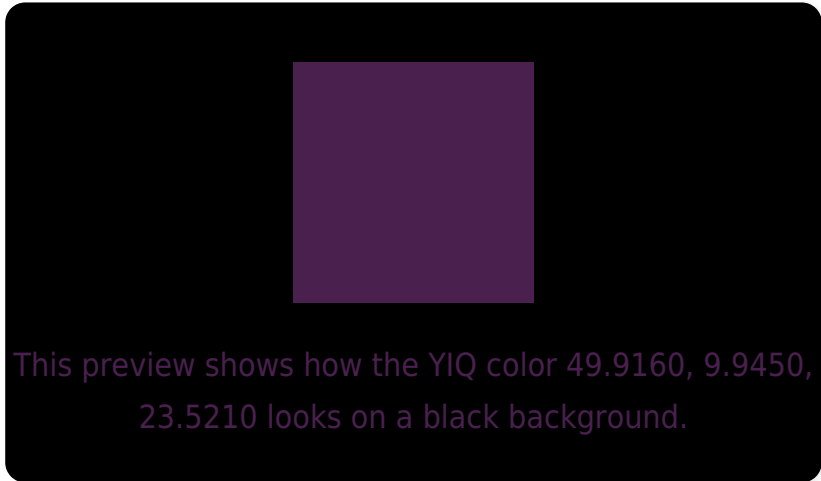
Large Text (above 18pt) WCAG AA ✓ Pass

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

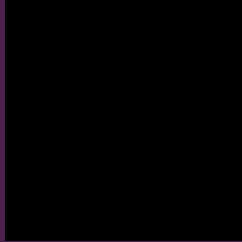
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 49.9160, 9.9450, 23.5210

Background



This preview shows how black text looks on a background with the YIQ color 49.9160, 9.9450, 23.5210.



This preview shows how white text looks on a background with the YIQ color 49.9160, 9.9450,

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

49.9160, 9.9450, 23.5210

Protanopia

46.0680, -29.0700, 9.2180

Deuteranopia

49.0770, -16.0940, 5.3300



Tritanopia

50.7140, 15.7250, 6.8690

Trichromacy



Original Color

49.9160, 9.9450, 23.5210

Protanomaly

47.3580, -15.0870, 14.6170

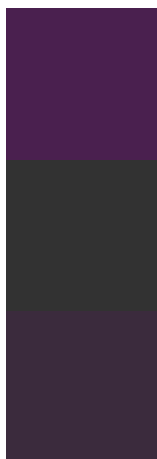
Deuteranomaly

48.9690, -6.7420, 12.0580

Tritanomaly

50.0330, 13.5690, 12.9050

Monochromacy



Original Color

49.9160, 9.9450, 23.5210

Achromatopsia

50.0000, -0.0000, -0.0000

Achromatomaly

49.8360, 3.7580, 8.9900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 49.9160, 9.9450, 23.5210 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(74, 32, 79)` looks like.

```
.text, #text, p{  
    color:rgb(74, 32, 79)  
}
```

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(74, 32, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 32, 79) }
```

Border

The CSS property to change the border of an element to YIQ 49.9160, 9.9450, 23.5210 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(74, 32, 79) }
```


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

```
.border{ border-color:rgb(74, 32, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 32, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 32, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 32, 79);  
box-shadow:4px 4px 4px 4px rgb(74, 32, 79)  
}
```

Background

The CSS property to change the background color of an element to YIQ 49.9160, 9.9450, 23.5210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 32, 79) }
```

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

```
.background{ background-color: rgb(74, 32,  
79) }
```

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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