

Converting Colors

YIQ(64.1120, 12.3290, 24.3690)

Have a look what the booklet for
YIQ(64.1120, 12.3290, 24.3690)
contains.

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Color

**YIQ(64.1120, 12.3290,
24.3690)**

Conversions

Conversions Part 1

Format	Color
Hex	5B2D5C
RGB	91, 45, 92
RGB Percent	36%, 18%, 36%
CMY	0.6430, 0.8236, 0.6392
CMYK	0.01, 0.51, 0.00, 0.64
HSL	299°, 34%, 27%
HSV	299°, 51%, 36%
XYZ	7.1874, 4.8740, 10.6879
YIQ	64.1120, 12.3290, 24.3690

Conversions

Conversions Part 2

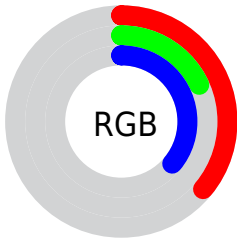
Format	Color
RYB	91, 45, 92
Decimal	5975388
CIELab	26.37, 28.80, -19.20
CIElCh	26, 34.611, 326.303
Yxy	4.8740, 0.3159, 0.2142
Android (android.graphics.Color)	4284165468 (0xFF5B2D5C)
YUV	64.1120, 13.7488, 23.5808
Hunter-Lab	22.0772, 19.4773, -13.2492

Details

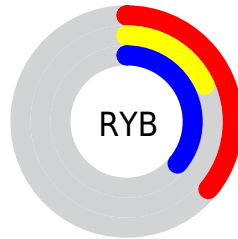
The YIQ color **64.1120, 12.3290, 24.3690** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **72.8880, -12.3290, -24.3690**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **113.2370, 13.4750, 25.6270**, and **18.1010, 10.8620, 23.4220** is the 20% darker color. If you saturate the color by 10%, you get **58.8290, 14.8040, 29.0760**, and if you desaturate by 10%, it is **69.3950, 9.8540, 19.6620**.

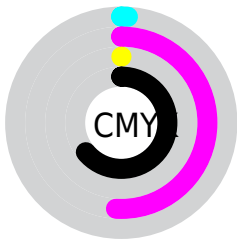
Distribution



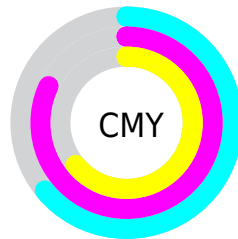
- Red (36%)
- Green (18%)
- Blue (36%)



- Red (36%)
- Yellow (18%)
- Blue (36%)



- Cyan (1%)
- Magenta (51%)
- Yellow (0%)
- Black (64%)



- Cyan (64%)
- Magenta (82%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.1120, 12.3290, 24.3690 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 64.1120, 12.3290, 24.3690 by changing the saturation by 10% instead.

■ 64.1120, 12.3290,
24.3690

■ 64.1120, 12.3290,
24.3690

■ 255.0000, -0.0000,
-0.0000

■ 40.6990, 12.0540,
23.8460

■ 113.5360, 14.0710,
25.8390

■ 18.1010, 10.8620,
23.4220

■ 139.0630, 14.0250,
26.6730

■ 8.2320, 2.7030,
11.5910

■ 165.7750, 14.8960,
27.4080

■ 0.0000, 0.0000,
0.0000

■ 193.1880, 15.1710,
27.9310

■ 221.0140, 15.7210,
28.9770

■ 237.9770, 7.9750,

15.1670

■ 64.1120, 12.3290,
24.3690

■ 64.1120, 12.3290,
24.3690

■ 58.8290, 14.8040,
29.0760

■ 69.3950, 9.8540,
19.6620

■ 53.5460, 17.2790,
33.7830

■ 74.6780, 7.3790,
14.9550

■ 47.3770, 19.4330,
38.8010

■ 80.8470, 5.2250,
9.9370

■ 42.0940, 21.9080,
43.5080

■ 86.1300, 2.7500,
5.2300

■ 37.3980, 24.1080,
47.6920

■ 91.4130, 0.2750,
0.5230

■ 96.6960, -2.2000,
-4.1840

■ 101.9790, -4.6750,
-8.8910

■ 108.1480, -6.8290,
-13.9090

■ 113.4310, -9.3040,
-18.6160

Harmonies

Analogous

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



62.7430, -17.6090, 16.2710



64.1120, 12.3290, 24.3690



61.6490, 32.6860, 24.3820

Triad

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



64.1120, 12.3290, 24.3690



58.8840, 29.0250, -13.9110



53.7150, -47.9100, -12.7900

Complementary

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



64.1120, 12.3290, 24.3690



72.8880, -12.3290, -24.3690

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.



50.6370, -39.2430, -21.1870



64.1120, 12.3290, 24.3690



56.7890, 9.9990, -21.5290

Square

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



64.1120, 12.3290, 24.3690



60.7040, 38.8800, 0.2240



49.6850, -22.0030, -25.2590



54.3480, -53.8260, -4.6900

Rectangle

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



64.1120, 12.3290, 24.3690



60.1950, 39.6560, 19.2080



49.6850, -22.0030, -25.2590



52.6890, -45.0210, -15.5890

Sweetspot

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



64.1120, 12.3290, 24.3690



109.1350, 4.3540, 9.2020



51.5320, -15.6370, 13.5710



54.5430, 3.0250, 5.7530



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.



64.1120, 12.3290, 24.3690



76.5510, 18.8830, 37.7550



61.9030, 19.9870, 17.7390



43.0650, 1.3750, 2.6150



44.5330, 28.4620, 56.8940



96.3860, 62.1950, 122.8910

Inverse Universe

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



59.1670, 27.6910, 10.2750



68.9410, 43.1870, 15.7870



75.0970, -19.9870, -17.7390



42.4950, 2.9800, 1.0600



33.1180, 64.9180, 23.9420



71.4330, 139.6470, 51.7990

Previews

White Background



This preview shows how the YIQ color 64.1120, 12.3290, 24.3690 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

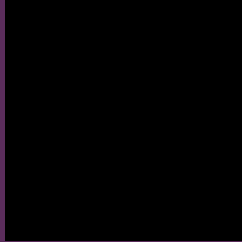
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 64.1120, 12.3290, 24.3690

Background



This preview shows how black text looks on a background with the YIQ color 64.1120, 12.3290, 24.3690.



This preview shows how white text looks on a background with the YIQ color 64.1120, 12.3290,

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

64.1120, 12.3290, 24.3690

Protanopia

61.6340, -24.8520, 9.8680

Deuteranopia

62.6860, -13.4350, 6.7010



Tritanopia

63.6220, 18.9800, 8.4520

Trichromacy



Original Color

64.1120, 12.3290, 24.3690

Protanomaly

62.6250, -11.4650, 15.0550

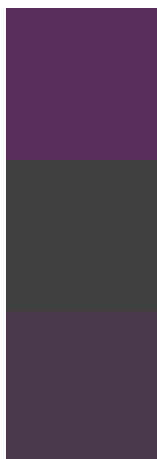
Deuteranomaly

63.1650, -4.3580, 12.9060

Tritanomaly

63.6420, 16.2280, 14.2760

Monochromacy



Original Color

64.1120, 12.3290, 24.3690

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

64.0210, 4.6750, 8.8910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.1120, 12.3290, 24.3690 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(91, 45, 92)` looks like.

```
.text, #text, p{  
    color:rgb(91, 45, 92)  
}
```

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(91, 45, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 45, 92) }
```

Border

The CSS property to change the border of an element to YIQ 64.1120, 12.3290, 24.3690 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(91, 45, 92) }
```


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

```
.border{ border-color:rgb(91, 45, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 45, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 45, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 45, 92);  
box-shadow:4px 4px 4px 4px rgb(91, 45, 92)  
}
```

Background

The CSS property to change the background color of an element to YIQ 64.1120, 12.3290, 24.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 45, 92) }
```

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

```
.background{ background-color: rgb(91, 45,  
92) }
```

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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