

Converting Colors

YIQ(92.1010, -24.6690, 12.0590)

Have a look what the booklet for
YIQ(92.1010, -24.6690, 12.0590)
contains.

YIQ(92.1010, -24.6690, 12.0590)	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(92.1010, -24.6690,
12.0590)**

Conversions

Conversions Part 1

Format	Color
Hex	4C5B8C
RGB	76, 91, 140
RGB Percent	30%, 36%, 55%
CMY	0.7020, 0.6431, 0.4511
CMYK	0.46, 0.35, 0.00, 0.45
HSL	226°, 30%, 42%
HSV	226°, 46%, 55%
XYZ	11.4531, 10.9121, 26.3002
YIQ	92.1010, -24.6690, 12.0590

Conversions

Conversions Part 2

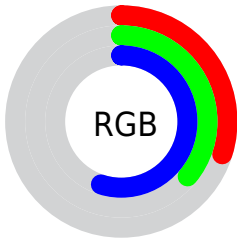
Format	Color
R _Y B	76, 88, 140
Decimal	5004172
CIE Lab	39.43, 8.03, -28.98
CIE LCh	39, 30.075, 285.488
Yxy	10.9121, 0.2353, 0.2242
Android (android.graphics.Color)	4283194252 (0xFF4C5B8C)
YUV	92.1010, 23.6142, -14.1206
Hunter-Lab	33.0335, 4.0792, -24.0812

Details

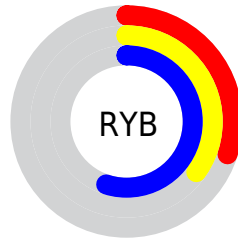
The YIQ color **92.1010, -24.6690, 12.0590** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **123.8990, 24.6690, -12.0590**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **143.1550, -24.7610, 13.7270**, and **44.4380, -27.2360, 9.0200** is the 20% darker color. If you saturate the color by 10%, you get **81.4580, -29.9880, 14.8440**, and if you desaturate by 10%, it is **102.7440, -19.3500, 9.2740**.

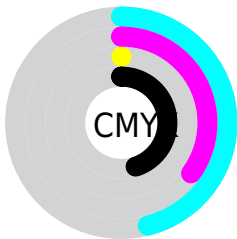
Distribution



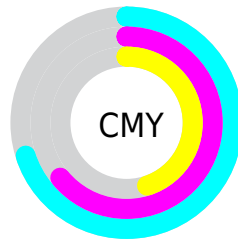
- Red (30%)
- Green (36%)
- Blue (55%)



- Red (30%)
- Yellow (35%)
- Blue (55%)



- Cyan (46%)
- Magenta (35%)
- Yellow (0%)
- Black (45%)



- Cyan (70%)
- Magenta (64%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 92.1010, -24.6690, 12.0590 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 92.1010, -24.6690, 12.0590 by changing the saturation by 10% instead.

■ 92.1010, -24.6690,
12.0590

■ 92.1010, -24.6690,
12.0590

■ 255.0000, -0.0000,
-0.0000

■ 68.1610, -24.8980,
10.7020

■ 143.1550,
-24.7610, 13.7270

■ 44.4380, -27.2360,
9.0200

■ 169.6820,
-24.8070, 14.5610

■ 22.1990, -28.0610,
7.4510

■ 196.7960,
-25.1280, 14.8720

■ 5.0160, -14.1240,
13.6840

■ 222.1740,
-17.7450, 7.7190

■ 3.0950, -7.3370,
6.3190

■ 247.8680, -8.4360,
-1.3000

■ 0.0000, 0.0000,
0.0000

■ 92.1010, -24.6690,
12.0590

■ 92.1010, -24.6690,
12.0590

■ 81.4580, -29.9880,
14.8440

■ 102.7440,
-19.3500, 9.2740

■ 71.4020, -35.5820,
17.1060

■ 112.8000,
-13.7560, 7.0120

■ 60.7590, -40.9010,
19.8910

■ 123.4430, -8.4370,
4.2270

■ 50.1160, -46.2200,
22.6760

■ 134.0860, -3.1180,
1.4420

■ 39.4730, -51.5390,
25.4610

■ 144.7290, 2.2010,
-1.3430

■ 35.3310, -54.0150,
26.2810

■ 154.7850, 7.7950,
-3.6050

■ 165.4280, 13.1140,
-6.3900

■ 176.0710, 18.4330,

-9.1750

■ 186.1270, 24.0270,
-11.4370

Harmonies

Analogous

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



79.4550, -61.4370, -4.4210



92.1010, -24.6690, 12.0590



95.8010, 2.8390, 20.1430

Triad

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



92.1010, -24.6690, 12.0590



93.1650, 39.2000, 5.4400



80.0240, -36.0790, -23.4630

Complementary

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



92.1010, -24.6690, 12.0590



123.8990, 24.6690, -12.0590

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.



86.1170, -5.5440, -20.6800



92.1010, -24.6690, 12.0590



91.4810, 31.9580, -6.4900

Square

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



92.1010, -24.6690, 12.0590



93.9450, 37.3640, 16.6920



89.1860, 16.3710, -15.8610



74.1920, -62.8550, -22.7830

Rectangle

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



92.1010, -24.6690, 12.0590



95.5810, 18.1980, 22.6300



89.1860, 16.3710, -15.8610



82.7110, -24.8920, -22.4600

Sweetspot

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



92.1010, -24.6690, 12.0590



162.3720, -9.6750, 4.6370



119.0400, -33.0080, -18.5440



80.1720, -6.2360, 2.8840



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



92.1010, -24.6690, 12.0590



106.4880, -38.7000, 18.5480



88.0800, -11.0080, 23.2960



63.9720, -2.7970, 1.1310



33.3590, -51.2180, 25.1500



1.1570, -1.8800, 1.0320

Inverse Universe

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



96.8460, 33.3290, 18.2330



113.6360, 51.8960, 28.6640



127.9200, 11.0080, -23.2960



64.3210, 3.5300, 2.1060



43.3010, 69.3170, 37.8370



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 92.1010, -24.6690, 12.0590 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 × Fail

Black Background



This preview shows how the YIQ color 92.1010, -24.6690, 12.0590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

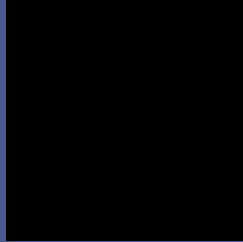
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

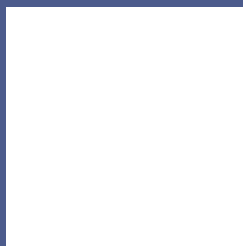
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 92.1010, -24.6690, 12.0590

Background



This preview shows how black text looks on a background with the YIQ color 92.1010, -24.6690, 12.0590.

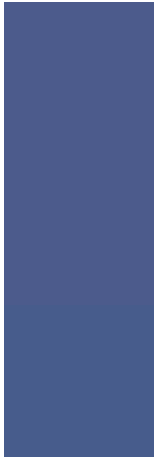


This preview shows how white text looks on a background with the YIQ color 92.1010, -24.6690,

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

92.1010, -24.6690, 12.0590

Protanopia

92.1010, -24.6690, 12.0590

Deuteranopia

91.1930, -27.9240, 10.4760



Tritanopia

89.3440, -21.6400, -4.2960

Trichromacy



Original Color

92.1010, -24.6690, 12.0590

Protanomaly

92.1010, -24.6690, 12.0590

Deuteranomaly

91.7910, -26.7320, 10.9000

Tritanomaly

90.1470, -22.2830, 1.8530

Monochromacy



Original Color

92.1010, -24.6690, 12.0590

Achromatopsia

92.0000, 0.0000, -0.0000

Achromatomaly

92.1440, -9.0330, 4.0150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.1010, -24.6690, 12.0590 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(76, 91, 140)` looks like.

```
.text, #text, p{  
    color:rgb(76, 91, 140)  
}
```

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(76, 91, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 91, 140) }
```

Border

The CSS property to change the border of an element to YIQ 92.1010, -24.6690, 12.0590 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(76, 91, 140) }
```


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

```
.border{ border-color:rgb(76, 91, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 91, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 91, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 91, 140);  
box-shadow:4px 4px 4px 4px rgb(76, 91,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 92.1010, -24.6690, 12.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 91, 140) }
```

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

```
.background{ background-color: rgb(76, 91,  
140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor