

# Converting Colors

YIQ(120.7020, 24.0260, -5.9100)

Have a look what the booklet for  
YIQ(120.7020, 24.0260, -5.9100)  
contains.

<b>YIQ(120.7020, 24.0260, -5.9100)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(120.7020, 24.0260,  
-5.9100)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C7654
RGB	140, 118, 84
RGB Percent	55%, 46%, 33%
CMY	0.4509, 0.5373, 0.6705
CMYK	0.00, 0.16, 0.40, 0.45
HSL	36°, 25%, 44%
HSV	36°, 40%, 55%
XYZ	18.8953, 19.1714, 11.0984
YIQ	120.7020, 24.0260, -5.9100

# Conversions

## Conversions Part 2

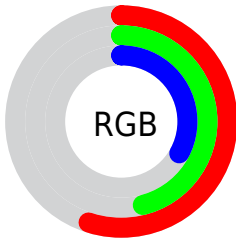
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">120, 140, 84</a>
Decimal	<a href="#">9205332</a>
CIELab	<a href="#">50.89, 3.51, 21.90</a>
CIELCh	<a href="#">51, 22.177, 80.895</a>
Yxy	<a href="#">19.1714, 0.3843, 0.3899</a>
Android (android.graphics.Color)	<a href="#">4287395412 (0xFF8C7654)</a>
YUV	<a href="#">120.7020, -18.0941, 16.9243</a>
Hunter-Lab	<a href="#">43.7851, 0.4071, 15.6211</a>

# Details

The YIQ color **120.7020, 24.0260, -5.9100** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **103.2980, -24.0260, 5.9100**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.3710, 26.4560, -5.8960**, and **72.0330, 21.5960, -5.9240** is the 20% darker color. If you saturate the color by 10%, you get **115.5840, 30.1700, -7.1260**, and if you desaturate by 10%, it is **125.8200, 17.8820, -4.6940**.

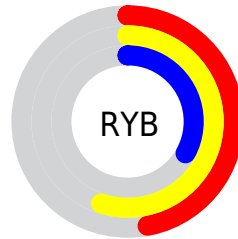
# Distribution




 Red (55%)

 Green (46%)

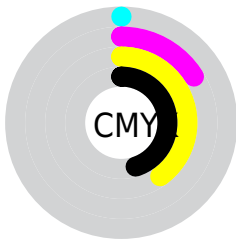
 Blue (33%)



 Red (47%)

 Yellow (55%)

 Blue (33%)

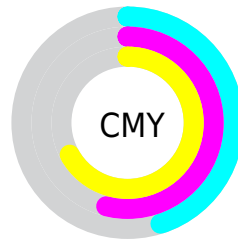


 Cyan (0%)


 Magenta (16%)

 Yellow (40%)

 Black (45%)



 Cyan (45%)

 Magenta (54%)

 Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 120.7020, 24.0260, -5.9100 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 120.7020, 24.0260, -5.9100 by changing the saturation by 10% instead.



■ 120.7020, 24.0260,  
-5.9100

■ 120.7020, 24.0260,  
-5.9100

■ 255.0000, -0.0000,  
-0.0000

■ 95.6310, 22.7880,  
-5.5000

■ 173.3710, 26.4560,  
-5.8960

■ 72.0330, 21.5960,  
-5.9240

■ 200.5560, 27.3730,  
-5.9950

■ 49.2500, 19.4870,  
-6.2490

■ 228.7410, 28.2900,  
-6.0940

■ 28.4070, 17.6070,  
-5.2170

■ 249.8530, 13.1150,  
-11.9170

■ 4.1860, 8.3440,  
2.9680

■ 253.7460, 3.5310,  
-3.4210

■ 0.0000, 0.0000,  
0.0000

■ 120.7020, 24.0260,  
-5.9100

■ 120.7020, 24.0260,  
-5.9100

■ 115.5840, 30.1700,  
-7.1260

■ 125.8200, 17.8820,  
-4.6940

■ 111.0530, 36.0390,  
-8.8650

■ 130.3510, 12.0130,  
-2.9550

■ 105.9350, 42.1830,  
-10.0810

■ 135.4690, 5.8690,  
-1.7390

■ 101.4040, 48.0520,  
-11.8200

■ 140.0000, 0.0000,  
0.0000

■ 96.2860, 54.1960,  
-13.0360

■ 145.1180, -6.1440,  
1.2160

■ 91.7550, 60.0650,  
-14.7750

■ 149.6490,  
-12.0130, 2.9550

■ 154.7670,  
-18.1570, 4.1710

■ 159.2980,

-24.0260, 5.9100

■ 164.4160,  
-30.1700, 7.1260

# Harmonies

## Analogous

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



122.3920, 31.1310, 2.9950



120.7020, 24.0260, -5.9100



118.7710, 10.4100, -12.4540

# Triad

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



120.7020, 24.0260, -5.9100



111.5970, -41.7660, -14.0060



124.1340, 6.0950, 16.1990

# Complementary

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



120.7020, 24.0260, -5.9100



103.2980, -24.0260, 5.9100

# 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.



121.7340, -13.3900, 11.3940



120.7020, 24.0260, -5.9100



112.8560, -43.6930, -6.6130

# Square

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



120.7020, 24.0260, -5.9100



113.3290, -26.4520, -16.2120



117.9980, -32.0490, 2.6310



124.3330, 21.5920, 16.1840



# Rectangle

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



120.7020, 24.0260, -5.9100



117.0300, -0.6850, -15.1250



117.9980, -32.0490, 2.6310



123.7850, -0.2320, 15.2240

# Sweetspot

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



120.7020, 24.0260, -5.9100



173.7960, 9.2620, -2.6580



103.2520, 26.3140, 18.7140



87.5830, 5.5480, -1.4280



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.



120.7020, 24.0260, -5.9100



151.1240, 37.2770, -9.2750



131.8220, 14.4000, -18.6880



66.4410, 3.0720, -0.6080



86.7270, 57.2680, -13.6440



3.2560, 2.1550, -0.5090



# Inverse Universe

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



103.2980, -24.0260, 5.9100



123.8760, -37.2770, 9.2750



92.1780, -14.4000, 18.6880



64.5590, -3.0720, 0.6080



45.6860, -56.9930, 14.1670



1.7440, -2.1550, 0.5090



# Previews

## White Background



This preview shows how the YIQ color 120.7020, 24.0260, -5.9100 looks on a white 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



# Black Background



This preview shows how the YIQ color 120.7020, 24.0260, -5.9100 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

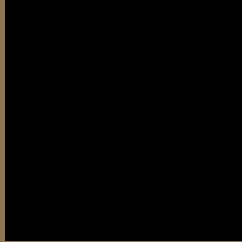
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 120.7020, 24.0260, -5.9100

## Background



This preview shows how black text looks on a background with the YIQ color 120.7020, 24.0260, -5.9100.



This preview shows how white text looks on a background with the YIQ color 120.7020, 24.0260,

-5.9100.

# 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

120.7020, 24.0260, -5.9100

### Protanopia

119.8860, 17.5160, -9.0760

### Deuteranopia

121.0230, 27.5560, -3.8040



## Tritanopia

123.2950, 15.5870, 9.3710

# Trichromacy



## Original Color

120.7020, 24.0260, -5.9100

## Protanomaly

120.1960, 19.5790, -7.9170

## Deuteranomaly

121.0120, 26.0890, -4.7510

## Tritanomaly

122.5740, 18.9350, 3.7590

# Monochromacy



## Original Color

120.7020, 24.0260, -5.9100

## Achromatopsia

121.0000, -0.0000, 0.0000

## Achromatomaly

121.0240, 8.6200, -2.0360

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 120.7020, 24.0260, -5.9100 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(140, 118, 84)` looks like.

```
.text, #text, p{  
    color:rgb(140, 118, 84)  
}
```

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(140, 118, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 118, 84) }
```

## Border

The CSS property to change the border of an element to YIQ 120.7020, 24.0260, -5.9100 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(140, 118, 84) }
```



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

```
.border{ border-color:rgb(140, 118, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 118, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 118, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 118, 84);  
box-shadow:4px 4px 4px 4px rgb(140, 118,  
84) }
```

# Background

The CSS property to change the background color of an element to YIQ 120.7020, 24.0260, -5.9100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 118, 84) }
```

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

```
.background{ background-color: rgb(140,  
118, 84) }
```

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