

Converting Colors

YIQ(120.6900, 7.1050, 8.9050)

Have a look what the booklet for
YIQ(120.6900, 7.1050, 8.9050)
contains.

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Color

**YIQ(120.6900, 7.1050,
8.9050)**

Conversions

Conversions Part 1

Format	Color
Hex	857180
RGB	133, 113, 128
RGB Percent	52%, 44%, 50%
CMY	0.4784, 0.5569, 0.4980
CMYK	0.00, 0.15, 0.04, 0.48
HSL	315°, 8%, 48%
HSV	315°, 15%, 52%
XYZ	19.4759, 18.3547, 22.9399
YIQ	120.6900, 7.1050, 8.9050

Conversions

Conversions Part 2

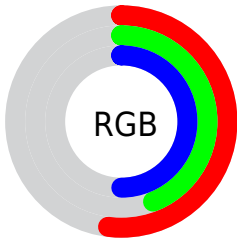
Format	Color
R_{YB}	133, 113, 128
Decimal	8745344
CIE Lab	49.92, 10.62, -5.35
CIE LCh	50, 11.891, 333.282
Yxy	18.3547, 0.3205, 0.3020
Android (android.graphics.Color)	4286935424 (0xFF857180)
YUV	120.6900, 3.6038, 10.7959
Hunter-Lab	42.8424, 6.1708, -1.7570

Details

The YIQ color $120.6900, 7.1050, 8.9050$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $125.3100, -7.1050, -8.9050$, and the grayscale version is $121.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $173.1030, 7.3800, 9.4280$, and $71.9780, 6.2340, 8.1700$ is the 20% darker color. If you saturate the color by 10%, you get $112.7170, 11.6430, 14.7710$, and if you desaturate by 10%, it is $128.6630, 2.5670, 3.0390$.

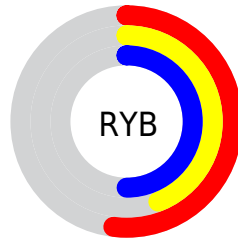
Distribution



Red (52%)

Green (44%)

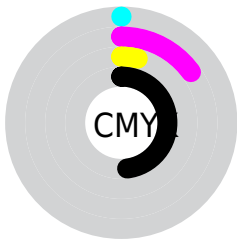
Blue (50%)



Red (52%)

Yellow (44%)

Blue (50%)

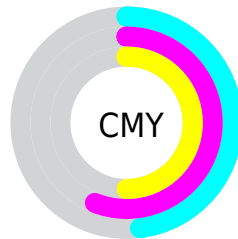


Cyan (0%)

Magenta (15%)

Yellow (4%)

Black (48%)



Cyan (48%)


Magenta (56%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.6900, 7.1050, 8.9050 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 120.6900, 7.1050, 8.9050 by changing the saturation by 10% instead.


 120.6900, 7.1050,
8.9050


 120.6900, 7.1050,
8.9050


255.0000, -0.0000,
-0.0000


 95.6900, 7.1050,
8.9050


 173.1030, 7.3800,
9.4280


 71.9780, 6.2340,
8.1700


 200.4020, 7.9760,
9.6400

 49.5650, 5.9590,
7.6470

 228.5160, 7.6550,
9.9510

 28.2660, 5.3630,
7.4350

 250.8910, 1.9250,
3.6610

 7.1630, 7.1510,
8.0710

 0.0000, 0.0000,
0.0000

■ 120.6900, 7.1050,
8.9050

■ 120.6900, 7.1050,
8.9050

■ 112.7170, 11.6430,
14.7710

■ 128.6630, 2.5670,
3.0390

■ 104.0430, 16.7770,
20.8490

■ 137.3370, -2.5670,
-3.0390

■ 96.0700, 21.3150,
26.7150

■ 145.3100, -7.1050,
-8.9050

■ 88.0970, 25.8530,
32.5810

■ 153.2830,
-11.6430, -14.7710

■ 79.4230, 30.9870,
38.6590

■ 161.9570,
-16.7770, -20.8490

■ 71.4500, 35.5250,
44.5250

■ 169.9300,
-21.3150, -26.7150

■ 63.4770, 40.0630,
50.3910

■ 177.9030,
-25.8530, -32.5810

■ 55.3900, 44.9220,

■ 185.9900,

55.9460

-30.7120, -38.1360

■ 51.1670, 47.1680,
59.2960

■ 194.5500,
-35.5250, -44.5250

Harmonies

Analogous

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



120.0740, -2.8440, 7.4920



120.6900, 7.1050, 8.9050



120.7570, 14.1660, 7.5900

Triad

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



120.6900, 7.1050, 8.9050



118.2260, 10.8670, -4.2130



115.0020, -20.6770, -5.2290

Complementary

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



120.6900, 7.1050, 8.9050



125.3100, -7.1050, -8.9050

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.



115.4600, -16.2750, -7.9150



120.6900, 7.1050, 8.9050



117.3280, 1.6520, -7.9160

Square

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



120.6900, 7.1050, 8.9050



119.3840, 16.4140, -0.1140



116.0110, -7.7010, -9.1170



116.4200, -18.7980, -0.7340

Rectangle

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



120.6900, 7.1050, 8.9050



120.2580, 17.0090, 5.6250



116.0110, -7.7010, -9.1170



115.2470, -19.9890, -6.6850

Sweetspot

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



120.6900, 7.1050, 8.9050



168.0760, 2.8420, 3.5620



116.7750, -3.4400, 7.2800



83.2500, 2.2920, 2.5160



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



120.6900, 7.1050, 8.9050



154.0050, 10.7720, 14.0360



119.5500, 10.3150, 5.7950



62.3640, 1.9710, 2.8270



50.0420, 46.0220, 58.0380



1.1250, 1.1460, 1.2580

Inverse Universe

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



120.6900, 7.1050, 8.9050



154.0050, 10.7720, 14.0360



126.4500, -10.3150, -5.7950



62.3640, 1.9710, 2.8270



50.0420, 46.0220, 58.0380



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 120.6900, 7.1050, 8.9050 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 120.6900, 7.1050, 8.9050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

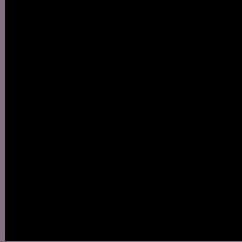
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.6900, 7.1050, 8.9050

Background



This preview shows how black text looks on a background with the YIQ color 120.6900, 7.1050, 8.9050.



This preview shows how white text looks on a background with the YIQ color 120.6900, 7.1050,

8.9050.

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

120.6900, 7.1050, 8.9050

Protanopia

119.1830, -4.7690, 3.8310

Deuteranopia

119.7710, 2.3830, 6.3750



Tritanopia

120.4080, 7.8390, 6.6150

Trichromacy



Original Color

120.6900, 7.1050, 8.9050

Protanomaly

119.6890, -0.3220, 5.8380

Deuteranomaly

120.0810, 4.4460, 7.5340

Tritanomaly

120.6360, 7.1970, 7.2370

Monochromacy



Original Color

120.6900, 7.1050, 8.9050

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.7770, 2.2460, 3.3500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.6900, 7.1050, 8.9050 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(133, 113, 128)` looks like.

```
.text, #text, p{  
    color:rgb(133, 113, 128)  
}
```

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(133, 113, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 113, 128) }
```

Border

The CSS property to change the border of an element to YIQ 120.6900, 7.1050, 8.9050 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(133, 113, 128) }
```


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

```
.border{ border-color:rgb(133, 113, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 113, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 113, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 113, 128);  
box-shadow:4px 4px 4px 4px rgb(133, 113,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 120.6900, 7.1050, 8.9050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 113, 128) }
```

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

```
.background{ background-color: rgb(133,  
113, 128) }
```

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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