

Converting Colors

YIQ(130.7220, -40.6200,
-12.7480)

Have a look what the booklet for
YIQ(130.7220, -40.6200, -12.7480)
contains.

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Color

**YIQ(130.7220, -40.6200,
-12.7480)**

Conversions

Conversions Part 1

Format	Color
Hex	54969A
RGB	84, 150, 154
RGB Percent	33%, 59%, 60%
CMY	0.6707, 0.4116, 0.3962
CMYK	0.45, 0.03, 0.00, 0.40
HSL	183°, 29%, 47%
HSV	183°, 45%, 60%
XYZ	20.3927, 26.0363, 34.5042
YIQ	130.7220, -40.6200, -12.7480

Conversions

Conversions Part 2

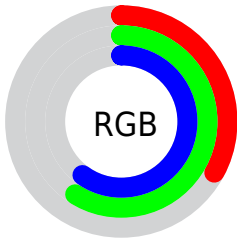
Format	Color
R_{YB}	84, 118, 154
Decimal	5543578
CIE _{Lab}	58.07, -19.94, -8.64
CIE _{LCh}	58, 21.737, 203.433
Yxy	26.0363, 0.2520, 0.3217
Android (android.graphics.Color)	4283733658 (0xFF54969A)
YUV	130.7220, 11.4761, -40.9752
Hunter-Lab	51.0257, -17.9567, -4.3746

Details

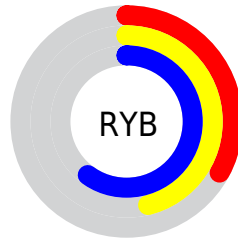
The YIQ color **130.7220, -40.6200, -12.7480** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **107.2780, 40.6200, 12.7480**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.7220, -40.6200, -12.7480**, and **77.9280, -44.1960, -14.0200** is the 20% darker color. If you saturate the color by 10%, you get **125.6500, -49.2850, -15.4050**, and if you desaturate by 10%, it is **135.7940, -31.9550, -10.0910**.

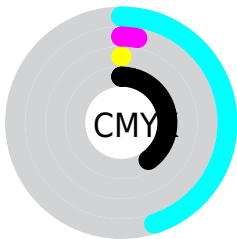
Distribution



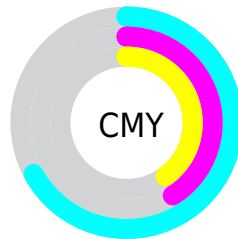
- Red (33%)
- Green (59%)
- Blue (60%)



- Red (33%)
- Yellow (46%)
- Blue (60%)



- Cyan (45%)
- Magenta (3%)
- Yellow (0%)
- Black (40%)



- Cyan (67%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.7220, -40.6200, -12.7480 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 130.7220, -40.6200, -12.7480 by changing the saturation by 10% instead.

■ 130.7220,
-40.6200, -12.7480

■ 130.7220,
-40.6200, -12.7480

■ 255.0000, -0.0000,
-0.0000

■ 104.4230,
-41.2160, -12.9600

■ 184.7220,
-40.6200, -12.7480

■ 77.9280, -44.1960,
-14.0200

■ 213.4230,
-41.2160, -12.9600

■ 53.0310, -45.9840,
-14.6560

■ 236.7610,
-36.3560, -12.9320

■ 36.9080, -32.2760,
-9.7800

■ 245.1330,
-19.6680, -6.9960

■ 22.1870, -19.7600,
-5.3280

■ 254.1030, -1.7880,
-0.6360

■ 2.0690, -4.4480,
3.5200

■ 0.0000, 0.0000,

0.0000

■ 130.7220,
-40.6200, -12.7480

■ 130.7220,
-40.6200, -12.7480

■ 125.6500,
-49.2850, -15.4050

■ 135.7940,
-31.9550, -10.0910

■ 120.2790,
-58.5460, -18.2740

■ 141.1650,
-22.6940, -7.2220

■ 115.2070,
-67.2110, -20.9310

■ 146.2370,
-14.0290, -4.5650

■ 110.4230,
-76.7470, -24.3230

■ 151.0210, -4.4930,
-1.1730

■ 105.3510,
-85.4120, -26.9800

■ 156.0930, 4.1720,
1.4840

■ 102.6710,
-89.3090, -27.9410

■ 161.1650, 12.8370,
4.1410

■ 166.5360, 22.0980,
7.0100

■ 171.6080, 30.7630,
9.6670

■ 176.9790, 40.0240,
12.5360

Harmonies

Analogous

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



132.1440, -27.3690, -16.1130



130.7220, -40.6200, -12.7480



132.1660, -41.6300, -5.4540

Triad

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



130.7220, -40.6200, -12.7480



142.6180, 7.6080, 16.3120



138.9900, 23.1550, -6.6450

Complementary

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



130.7220, -40.6200, -12.7480



107.2780, 40.6200, 12.7480

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.



140.8650, 31.1770, 2.1610



130.7220, -40.6200, -12.7480



142.5180, 22.5090, 16.0850

Square

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



130.7220, -40.6200, -12.7480



140.6310, -11.6020, 12.0300



141.4340, 31.3130, 10.7130



137.0590, 9.5390, -13.1890

Rectangle

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



130.7220, -40.6200, -12.7480



135.0900, -35.3040, 1.0480



141.4340, 31.3130, 10.7130



139.8380, 26.6390, -3.7050

Sweetspot

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



130.7220, -40.6200, -12.7480



189.4540, -16.1380, -4.8900



125.4320, -20.2130, -35.6770



94.2160, -9.5360, -3.3920



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



130.7220, -40.6200, -12.7480



162.8870, -63.3140, -19.9700



110.1770, -30.9950, 5.5570



74.0210, -4.4930, -1.1730



93.4440, -81.2400, -25.4960



8.5260, -7.4730, -2.2330

Inverse Universe

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



112.4540, 20.5340, 35.3660



134.3330, 31.9010, 55.1410



127.2360, 31.2700, -5.0340



72.1900, 2.5210, 3.8730



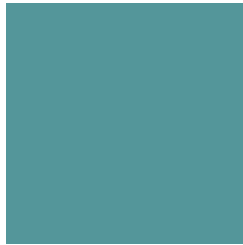
56.9080, 41.0680, 70.7320



5.2550, 3.8960, 6.4880

Previews

White Background



This preview shows how the YIQ color 130.7220, -40.6200, -12.7480 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 130.7220, -40.6200, -12.7480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

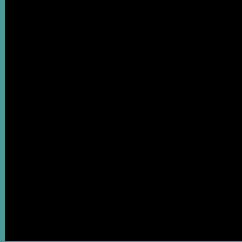
Any Text WCAG AA ✓ Pass

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 130.7220, -40.6200, -12.7480 Background



This preview shows how black text looks on a background with the YIQ color 130.7220, -40.6200, -12.7480.



This preview shows how white text looks on a background with the YIQ color 130.7220, -40.6200, -12.7480.

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

130.7220, -40.6200, -12.7480

Protanopia

139.3250, -2.2930, 3.0110

Deuteranopia

140.1990, -1.6980, 8.7500



Tritanopia

131.5310, -41.4000, -9.6240

Trichromacy



Original Color

130.7220, -40.6200, -12.7480

Protanomaly

136.0350, -16.2760, -2.3880

Deuteranomaly

136.4420, -15.8640, 1.1600

Tritanomaly

130.8900, -41.0330, -10.7690

Monochromacy



Original Color

130.7220, -40.6200, -12.7480

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

130.9380, -14.6250, -4.7770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.7220, -40.6200, -12.7480 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(84, 150, 154)` looks like.

```
.text, #text, p{  
    color:rgb(84, 150, 154)  
}
```

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(84, 150, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 150, 154) }
```

Border

The CSS property to change the border of an element to YIQ 130.7220, -40.6200, -12.7480 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(84, 150, 154) }
```


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

```
.border{ border-color:rgb(84, 150, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 150, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 150, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 150, 154);  
box-shadow:4px 4px 4px 4px rgb(84, 150,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 130.7220, -40.6200, -12.7480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 150, 154) }
```

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

```
.background{ background-color: rgb(84, 150,  
154) }
```

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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