

Converting Colors

YIQ(120.6680, -14.1650,
-13.1170)

Have a look what the booklet for
YIQ(120.6680, -14.1650, -13.1170)
contains.

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Color

**YIQ(120.6680, -14.1650,
-13.1170)**

Conversions

Conversions Part 1

Format	Color
Hex	638572
RGB	99, 133, 114
RGB Percent	39%, 52%, 45%
CMY	0.6119, 0.4784, 0.5530
CMYK	0.26, 0.00, 0.14, 0.48
HSL	146°, 15%, 45%
HSV	146°, 26%, 52%
XYZ	16.5691, 20.6449, 19.0280
YIQ	120.6680, -14.1650, -13.1170

Conversions

Conversions Part 2

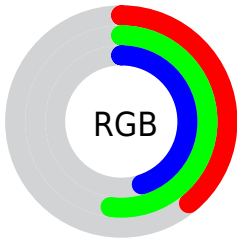
Format	Color
R_{YB}	99, 123, 133
Decimal	6522226
CIE Lab	52.56, -16.20, 6.39
CIE LCh	53, 17.413, 158.479
Yxy	20.6449, 0.2946, 0.3671
Android (android.graphics.Color)	4284712306 (0xFF638572)
YUV	120.6680, -3.2873, -19.0028
Hunter-Lab	45.4367, -14.4216, 6.9762

Details

The YIQ color **120.6680, -14.1650, -13.1170** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **111.3320, 14.1650, 13.1170**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.9560, -15.0360, -13.8520**, and **71.4940, -13.6150, -12.0710** is the 20% darker color. If you saturate the color by 10%, you get **115.9830, -19.6660, -18.0500**, and if you desaturate by 10%, it is **125.3530, -8.6640, -8.1840**.

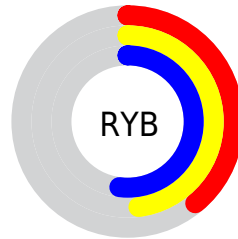
Distribution



Red (39%)

Green (52%)

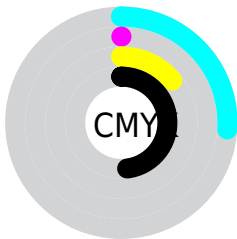
Blue (45%)



Red (39%)

Yellow (48%)

Blue (52%)

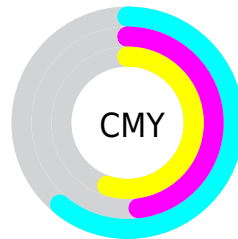


Cyan (26%)

Magenta (0%)

Yellow (14%)

Black (48%)



Cyan (61%)

Magenta (48%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.6680, -14.1650, -13.1170 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 120.6680, -14.1650, -13.1170 by changing the saturation by 10% instead.

■ 120.6680,
-14.1650, -13.1170

■ 120.6680,
-14.1650, -13.1170

■ 255.0000, -0.0000,
-0.0000

■ 95.9670, -13.5690,
-12.9050

■ 172.9560,
-15.0360, -13.8520

■ 71.4940, -13.6150,
-12.0710

■ 200.5430,
-15.3110, -14.3750

■ 48.9070, -13.3400,
-11.5480

■ 228.5430,
-15.3110, -14.3750

■ 26.7220, -14.2570,
-11.4490

■ 247.7380,
-11.1860, -6.5300

■ 9.3920, -4.4000,
-8.3680

■ 0.0000, 0.0000,
0.0000

■ 120.6680,
-14.1650, -13.1170

■ 120.6680,
-14.1650, -13.1170

■ 115.9830,
-19.6660, -18.0500

■ 125.3530, -8.6640,
-8.1840

■ 110.8850,
-25.4420, -23.5060

■ 130.4510, -2.8880,
-2.7280

■ 106.2000,
-30.9430, -28.4390

■ 135.1360, 2.6130,
2.2050

■ 101.4010,
-36.1230, -33.6830

■ 139.9350, 7.7930,
7.4490

■ 96.4170, -42.2200,
-38.8280

■ 144.6200, 13.2940,
12.3820

■ 91.6180, -47.4000,
-44.0720

■ 149.7180, 19.0700,
17.8380

■ 86.9330, -52.9010,
-49.0050

■ 154.4030, 24.5710,
22.7710

■ 84.7970, -55.5140,

■ 159.0880, 30.0720,

-51.2100

27.7040

■ 164.1860, 35.8480,
33.1600

Harmonies

Analogous

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



122.6220, 0.6440, -11.6760



120.6680, -14.1650, -13.1170



119.0780, -27.0030, -11.7310

Triad

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



120.6680, -14.1650, -13.1170



124.8320, -16.7820, 6.7860



127.2220, 25.8580, 4.9460

Complementary

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



120.6680, -14.1650, -13.1170



111.3320, 14.1650, 13.1170

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.



128.0570, 22.1890, 10.8690



120.6680, -14.1650, -13.1170



127.1930, -1.5610, 11.7750

Square

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



120.6680, -14.1650, -13.1170



122.1570, -28.2430, -0.2670



127.9620, 12.3310, 13.3150



125.8530, 22.2830, -1.8530

Rectangle

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



120.6680, -14.1650, -13.1170



119.3210, -32.0010, -9.2570



127.9620, 12.3310, 13.3150



127.5040, 25.1240, 7.2360

Sweetspot

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



120.6680, -14.1650, -13.1170



168.3150, -5.5010, -4.9330



124.6390, 1.9740, -13.7540



83.7390, -3.7590, -3.4630



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.



120.6680, -14.1650, -13.1170



153.7330, -21.9580, -20.5660



122.6060, -19.6220, -7.8300



63.8640, -2.6130, -2.2050



82.8080, -54.0470, -50.2630



1.8750, -1.1460, -1.2580

Inverse Universe

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



111.3320, 14.1650, 13.1170



139.2670, 21.9580, 20.5660



109.3940, 19.6220, 7.8300



62.1360, 2.6130, 2.2050



47.1920, 54.0470, 50.2630



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 120.6680, -14.1650, -13.1170 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 120.6680, -14.1650, -13.1170 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 120.6680, -14.1650, -13.1170 Background



This preview shows how black text looks on a background with the YIQ color 120.6680, -14.1650, -13.1170.



This preview shows how white text looks on a background with the YIQ color 120.6680, -14.1650, -13.1170.

-13.1170.

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

120.6680, -14.1650, -13.1170

Protanopia

125.0840, 8.3910, -3.3930

Deuteranopia

126.2250, 12.6080, 2.7840



Tritanopia

122.7790, -18.4310, -1.8790

Trichromacy



Original Color

120.6680, -14.1650, -13.1170

Protanomaly

123.3710, 0.0930, -7.1950

Deuteranomaly

123.9740, 2.8890, -2.7990

Tritanomaly

121.7420, -17.0090, -5.6250

Monochromacy



Original Color

120.6680, -14.1650, -13.1170

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.6140, -4.9050, -4.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.6680, -14.1650, -13.1170 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(99, 133, 114)` looks like.

```
.text, #text, p{  
    color:rgb(99, 133, 114)  
}
```

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(99, 133, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 133, 114) }
```

Border

The CSS property to change the border of an element to YIQ 120.6680, -14.1650, -13.1170 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(99, 133, 114) }
```


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

```
.border{ border-color:rgb(99, 133, 114) }
```

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

Here you see how a box with a 4 pixel rgb(99, 133, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 133, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 133, 114);  
box-shadow:4px 4px 4px 4px rgb(99, 133,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 120.6680, -14.1650, -13.1170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 133, 114) }
```

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

```
.background{ background-color: rgb(99, 133,  
114) }
```

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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