

Converting Colors

YIQ(112.8790, 1.0580, -19.1820)

Have a look what the booklet for
YIQ(112.8790, 1.0580, -19.1820)
contains.

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Color

**YIQ(112.8790, 1.0580,
-19.1820)**

Conversions

Conversions Part 1

Format	Color
Hex	667D4F
RGB	102, 125, 79
RGB Percent	40%, 49%, 31%
CMY	0.6001, 0.5098, 0.6902
CMYK	0.18, 0.00, 0.37, 0.51
HSL	90°, 23%, 40%
HSV	90°, 37%, 49%
XYZ	14.2236, 18.0578, 10.1349
YIQ	112.8790, 1.0580, -19.1820

Conversions

Conversions Part 2

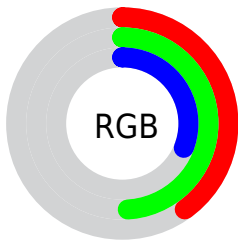
Format	Color
R_{YB}	79, 125, 102
Decimal	6716751
CIE _{Lab}	49.57, -17.16, 22.41
CIE _{LCh}	50, 28.220, 127.442
Yxy	18.0578, 0.3353, 0.4257
Android (android.graphics.Color)	4284906831 (0xFF667D4F)
YUV	112.8790, -16.7023, -9.5409
Hunter-Lab	42.4945, -14.6188, 15.6055

Details

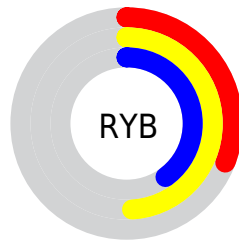
The YIQ color $112.8790, 1.0580, -19.1820$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $91.1210, -1.0580, 19.1820$, and the grayscale version is $113.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $165.2380, 1.4250, -20.3270$, and $64.5200, 0.6910, -18.0370$ is the 20% darker color. If you saturate the color by 10%, you get $109.7170, 1.3340, -24.1860$, and if you desaturate by 10%, it is $116.1550, 0.4610, -13.8670$.

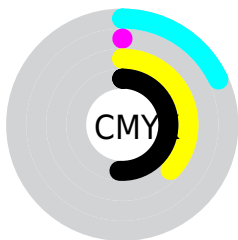
Distribution



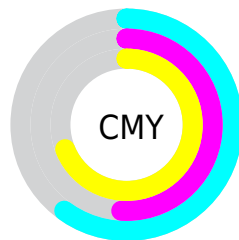
- Red (40%)
- Green (49%)
- Blue (31%)



- Red (31%)
- Yellow (49%)
- Blue (40%)



- Cyan (18%)
- Magenta (0%)
- Yellow (37%)
- Black (51%)



- Cyan (60%)
- Magenta (51%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.8790, 1.0580, -19.1820 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 112.8790, 1.0580, -19.1820 by changing the saturation by 10% instead.

■ 112.8790, 1.0580,
-19.1820

■ 112.8790, 1.0580,
-19.1820

■ 255.0000, -0.0000,
-0.0000

■ 88.1070, 0.4160,
-18.5600

■ 165.2380, 1.4250,
-20.3270

■ 64.5200, 0.6910,
-18.0370

■ 192.1240, 1.7460,
-20.6380

■ 41.7480, 0.0490,
-17.4150

■ 219.7110, 1.4710,
-21.1610

■ 21.4750, -3.4360,
-14.8280

■ 244.4880, 3.7170,
-17.8110

■ 0.0000, 0.0000,
0.0000

■ 253.0620, 5.4570,
-5.2870

■ 112.8790, 1.0580,
-19.1820

■ 112.8790, 1.0580,
-19.1820

■ 109.7170, 1.3340,
-24.1860

■ 116.1550, 0.4610,
-13.8670

■ 106.1420, 1.3350,
-29.7130

■ 119.3170, 0.1850,
-8.8630

■ 102.9800, 1.6110,
-34.7170

■ 122.8920, 0.1840,
-3.3360

■ 99.7040, 2.2080,
-40.0320

■ 126.0540, -0.0920,
1.6680

■ 96.5420, 2.4840,
-45.0360

■ 129.3300, -0.6890,
6.9830

■ 92.9670, 2.4850,
-50.5630

■ 132.7910, -0.3690,
12.1990

■ 91.9130, 2.5770,
-52.2310

■ 136.0670, -0.9660,
17.5140

■ 139.2290, -1.2420,

22.5180

■ 142.5050, -1.8390,
27.8330

Harmonies

Analogous

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



115.5180, 21.3680, -12.8080



112.8790, 1.0580, -19.1820



108.8360, -23.7460, -21.2020

Triad

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



112.8790, 1.0580, -19.1820



107.3910, -55.3850, -3.9690



120.0310, 34.2460, 18.1340

Complementary

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



112.8790, 1.0580, -19.1820



91.1210, -1.0580, 19.1820

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.



121.2390, 19.1610, 21.6970



112.8790, 1.0580, -19.1820



115.8830, -29.9870, 9.3170

Square

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



112.8790, 1.0580, -19.1820



98.6350, -71.2920, -18.5560



120.0390, -3.7630, 18.6450



119.1590, 39.3370, 8.4650

Rectangle

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



112.8790, 1.0580, -19.1820



105.2560, -42.5440, -21.9360



120.0390, -3.7630, 18.6450



120.3450, 30.4860, 20.1980

Sweetspot

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



112.8790, 1.0580, -19.1820



158.2570, 0.4140, -7.5060



106.2550, 21.0910, -2.2770



78.9520, -0.0450, -4.6930



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



112.8790, 1.0580, -19.1820



144.0280, 1.6560, -30.0240



106.0020, -12.6500, -24.0580



62.3050, 0.4590, -2.8130



94.2720, 2.9440, -53.3760



0.0000, 0.0000, 0.0000

Inverse Universe

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



91.1210, -1.0580, 19.1820



109.9720, -1.6560, 30.0240



97.9980, 12.6500, 24.0580



58.9940, 0.1370, 3.0250



33.7280, -2.9440, 53.3760



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 112.8790, 1.0580, -19.1820 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 112.8790, 1.0580, -19.1820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

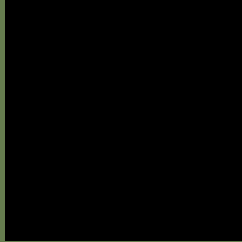
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 112.8790, 1.0580, -19.1820

Background



This preview shows how black text looks on a background with the YIQ color 112.8790, 1.0580, -19.1820.



This preview shows how white text looks on a background with the YIQ color 112.8790, 1.0580,

-19.1820.

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

112.8790, 1.0580, -19.1820

Protanopia

116.2020, 19.4420, -10.9420

Deuteranopia

117.5390, 26.0430, -3.9170



Tritanopia

117.0360, -8.8490, 0.6790

Trichromacy



Original Color

112.8790, 1.0580, -19.1820

Protanomaly

115.3860, 12.9320, -14.1080

Deuteranomaly

115.5870, 16.9200, -9.2880

Tritanomaly

115.2610, -5.4090, -6.6010

Monochromacy



Original Color

112.8790, 1.0580, -19.1820

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.7840, 0.3680, -6.6720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.8790, 1.0580, -19.1820 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(102, 125, 79)` looks like.

```
.text, #text, p{  
    color:rgb(102, 125, 79)  
}
```

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(102, 125, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 125, 79) }
```

Border

The CSS property to change the border of an element to YIQ 112.8790, 1.0580, -19.1820 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(102, 125, 79) }
```


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

```
.border{ border-color:rgb(102, 125, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 125, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 125, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 125, 79);  
box-shadow:4px 4px 4px 4px rgb(102, 125,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 112.8790, 1.0580, -19.1820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 125, 79) }
```

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

```
.background{ background-color: rgb(102,  
125, 79) }
```

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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