

Converting Colors

YIQ(112.1250, 10.3140, 11.3220)

Have a look what the booklet for
YIQ(112.1250, 10.3140, 11.3220)
contains.

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Color

**YIQ(112.1250, 10.3140,
11.3220)**

Conversions

Conversions Part 1

Format	Color
Hex	816678
RGB	129, 102, 120
RGB Percent	51%, 40%, 47%
CMY	0.4940, 0.6000, 0.5294
CMYK	0.00, 0.21, 0.07, 0.49
HSL	320°, 12%, 45%
HSV	320°, 21%, 51%
XYZ	17.1970, 15.5254, 19.8618
YIQ	112.1250, 10.3140, 11.3220

Conversions

Conversions Part 2

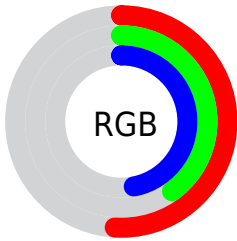
Format	Color
R_{YB}	129, 102, 120
Decimal	8480376
CIE Lab	46.35, 14.07, -5.93
CIE LCh	46, 15.267, 337.125
Yxy	15.5254, 0.3270, 0.2952
Android (android.graphics.Color)	4286670456 (0xFF816678)
YUV	112.1250, 3.8824, 14.7994
Hunter-Lab	39.4023, 8.9519, -2.3052

Details

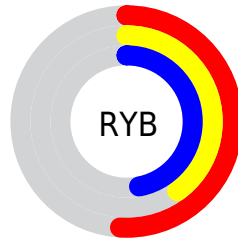
The YIQ color **112.1250, 10.3140, 11.3220** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **118.8750, -10.3140, -11.3220**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.8370, 11.1850, 12.0570**, and **64.1140, 8.8470, 10.3750** is the 20% darker color. If you saturate the color by 10%, you get **104.0380, 15.1730, 16.8770**, and if you desaturate by 10%, it is **120.2120, 5.4550, 5.7670**.

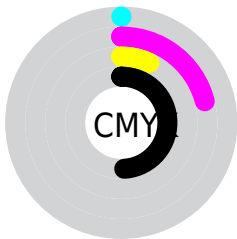
Distribution



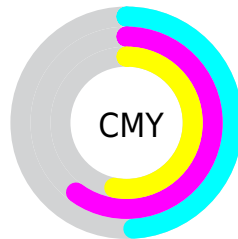
- Red (51%)
- Green (40%)
- Blue (47%)



- Red (51%)
- Yellow (40%)
- Blue (47%)



- Cyan (0%)
- Magenta (21%)
- Yellow (7%)
- Black (49%)



- Cyan (49%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.1250, 10.3140, 11.3220 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 112.1250, 10.3140, 11.3220 by changing the saturation by 10% instead.

■ 112.1250, 10.3140,
11.3220

■ 112.1250, 10.3140,
11.3220

255.0000, -0.0000,
-0.0000

■ 87.7120, 10.0390,
10.7990

■ 163.8370, 11.1850,
12.0570

■ 64.1140, 8.8470,
10.3750

■ 191.2500, 11.4600,
12.5800

■ 41.7010, 8.5720,
9.8520

■ 219.2500, 11.4600,
12.5800

■ 20.4020, 7.9760,
9.6400

■ 243.8470, 5.2250,
9.9370

■ 0.0000, 0.0000,
0.0000

■ 112.1250, 10.3140,

■ 112.1250, 10.3140,

11.3220

11.3220

■ 104.0380, 15.1730,
16.8770

■ 120.2120, 5.4550,
5.7670

■ 95.8370, 20.3530,
22.1210

■ 128.4130, 0.2750,
0.5230

■ 87.7500, 25.2120,
27.6760

■ 136.5000, -4.5840,
-5.0320

■ 79.6630, 30.0710,
33.2310

■ 144.5870, -9.4430,
-10.5870

■ 71.4620, 35.2510,
38.4750

■ 152.7880,
-14.6230, -15.8310

■ 63.9620, 39.8350,
43.5070


■ 160.2880,
-19.2070, -20.8630

■ 55.8750, 44.6940,
49.0620

■ 168.3750,
-24.0660, -26.4180

■ 48.3750, 49.2780,
54.0940

■ 176.4620,
-28.9250, -31.9730

 184.6630,
-34.1050, -37.2170

Harmonies

Analogous

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



111.7260, -1.7440, 9.5840



112.1250, 10.3140, 11.3220



112.1490, 18.9340, 9.2860

Triad

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



112.1250, 10.3140, 11.3220



108.8300, 11.9220, -6.8140



104.7670, -27.3250, -5.8930

Complementary

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



112.1250, 10.3140, 11.3220



118.8750, -10.3140, -11.3220

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.



104.4700, -22.2350, -10.0350



112.1250, 10.3140, 11.3220



107.5620, 0.8730, -10.3190

Square

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



112.1250, 10.3140, 11.3220



110.4120, 19.2110, -1.2450



105.6900, -11.2310, -11.2230



106.8970, -24.5750, -0.6630

Rectangle

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



112.1250, 10.3140, 11.3220



111.2370, 21.5020, 6.7980



105.6900, -11.2310, -11.2230



104.5990, -26.9120, -7.8720

Sweetspot

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



112.1250, 10.3140, 11.3220



161.7880, 3.7130, 4.2970



107.7690, -3.3030, 10.3050



80.2500, 2.2920, 2.5160



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



112.1250, 10.3140, 11.3220



141.7500, 16.0440, 17.6120



110.5290, 14.8080, 6.9680



59.6630, 2.5670, 3.0390



47.9620, 49.0030, 53.5710



0.0000, 0.0000, 0.0000

Inverse Universe

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



112.1250, 10.3140, 11.3220



141.7500, 16.0440, 17.6120



120.4710, -14.8080, -6.9680



59.6630, 2.5670, 3.0390



47.9620, 49.0030, 53.5710



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 112.1250, 10.3140, 11.3220 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 112.1250, 10.3140, 11.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

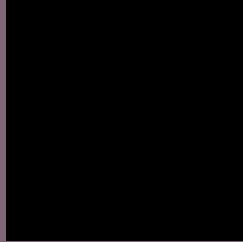
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 112.1250, 10.3140, 11.3220

Background



This preview shows how black text looks on a background with the YIQ color 112.1250, 10.3140, 11.3220.



This preview shows how white text looks on a background with the YIQ color 112.1250, 10.3140,

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

112.1250, 10.3140, 11.3220

Protanopia

110.5250, -5.7320, 4.7640

Deuteranopia

111.0590, 1.5120, 5.6400



Tritanopia

111.3870, 12.3320, 7.7880

Trichromacy



Original Color

112.1250, 10.3140, 11.3220

Protanomaly

110.9280, 0.5030, 7.4070

Deuteranomaly

111.3800, 5.0420, 7.7460

Tritanomaly

111.7290, 11.3690, 8.7210

Monochromacy



Original Color

112.1250, 10.3140, 11.3220

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.7880, 3.7130, 4.2970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.1250, 10.3140, 11.3220 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(129, 102, 120)` looks like.

```
.text, #text, p{  
    color:rgb(129, 102, 120)  
}
```

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(129, 102, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 102, 120) }
```

Border

The CSS property to change the border of an element to YIQ 112.1250, 10.3140, 11.3220 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(129, 102, 120) }
```


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

```
.border{ border-color:rgb(129, 102, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 102, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 102, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 102, 120);  
box-shadow:4px 4px 4px 4px rgb(129, 102,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 112.1250, 10.3140, 11.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 102, 120) }
```

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

```
.background{ background-color: rgb(129,  
102, 120) }
```

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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