

Converting Colors

YIQ(120.6320, 13.0200, 6.3320)

Have a look what the booklet for
YIQ(120.6320, 13.0200, 6.3320)
contains.

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Color

**YIQ(120.6320, 13.0200,
6.3320)**

Conversions

Conversions Part 1

Format	Color
Hex	897175
RGB	137, 113, 117
RGB Percent	54%, 44%, 46%
CMY	0.4627, 0.5569, 0.5411
CMYK	0.00, 0.18, 0.15, 0.46
HSL	350°, 10%, 49%
HSV	350°, 18%, 54%
XYZ	19.4346, 18.4123, 19.3631
YIQ	120.6320, 13.0200, 6.3320

Conversions

Conversions Part 2

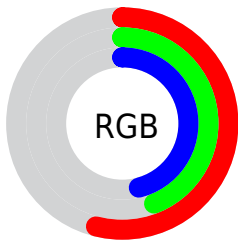
Format	Color
R_{YB}	137, 113, 117
Decimal	9007477
CIE Lab	49.99, 10.12, 1.31
CIE LCh	50, 10.201, 7.382
Yxy	18.4123, 0.3397, 0.3218
Android (android.graphics.Color)	4287197557 (0xFF897175)
YUV	120.6320, -1.7906, 14.3547
Hunter-Lab	42.9096, 5.7547, 3.2819

Details

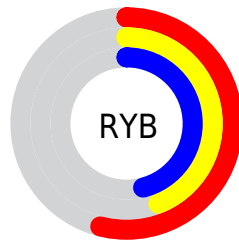
The YIQ color **120.6320, 13.0200, 6.3320** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **129.3680, -13.0200, -6.3320**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.2300, 14.2120, 6.7560**, and **72.0340, 11.8280, 5.9080** is the 20% darker color. If you saturate the color by 10%, you get **111.1600, 20.4010, 10.2330**, and if you desaturate by 10%, it is **130.1040, 5.6390, 2.4310**.

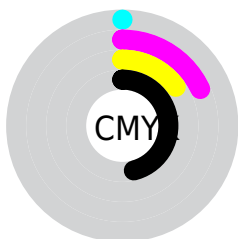
Distribution



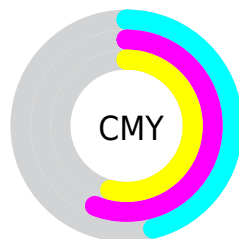
- Red (54%)
- Green (44%)
- Blue (46%)



- Red (54%)
- Yellow (44%)
- Blue (46%)



- Cyan (0%)
- Magenta (18%)
- Yellow (15%)
- Black (46%)



- Cyan (46%)
- Magenta (56%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.6320, 13.0200, 6.3320 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 120.6320, 13.0200, 6.3320 by changing the saturation by 10% instead.

■ 120.6320, 13.0200,
6.3320

■ 120.6320, 13.0200,
6.3320

■ 255.0000, -0.0000,
-0.0000

■ 95.3330, 12.4240,
6.1200

■ 173.2300, 14.2120,
6.7560

■ 72.0340, 11.8280,
5.9080

■ 200.5290, 14.8080,
6.9680

■ 49.4360, 10.6360,
5.4840

■ 228.5290, 14.8080,
6.9680

■ 28.1370, 10.0400,
5.2720

■ 250.6630, 2.5670,
3.0390

■ 6.5780, 13.1120,
4.6640

■ 0.0000, 0.0000,
0.0000

120.6320, 13.0200,
6.3320

120.6320, 13.0200,
6.3320

111.1600, 20.4010,
10.2330

130.1040, 5.6390,
2.4310

102.1610, 27.8280,
13.3000

139.1030, -1.7880,
-0.6360

92.6890, 35.2090,
17.2010

148.5750, -9.1690,
-4.5370

83.1030, 42.9110,
20.7910

158.1610,
-16.8710, -8.1270

73.6310, 50.2920,
24.6920

167.6330,
-24.2520, -12.0280

64.7460, 57.3980,
28.0700

176.5180,
-31.3580, -15.4060

55.1600, 65.1000,
31.6600

186.1040,
-39.0600, -18.9960

45.6880, 72.4810,

195.5760,

35.5610

-46.4410, -22.8970

■ 43.5850, 74.2690,
36.1970

■ 204.5750,
-53.8680, -25.9640

Harmonies

Analogous

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



120.7500, 6.8760, 7.5480



120.6320, 13.0200, 6.3320



120.3070, 15.3130, 3.3210

Triad

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



120.6320, 13.0200, 6.3320



117.6700, 0.6890, -6.9830



117.5020, -16.0930, -0.1970

Complementary

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



120.6320, 13.0200, 6.3320



129.3680, -13.0200, -6.3320

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.



115.9100, -17.4220, -3.6460



120.6320, 13.0200, 6.3320



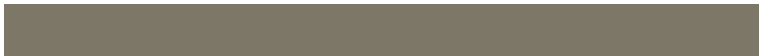
116.0650, -7.7930, -7.4490

Square

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



120.6320, 13.0200, 6.3320



118.5570, 8.4370, -4.2270



115.8840, -14.5330, -6.4450



118.8450, -9.6290, 3.8030

Rectangle

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



120.6320, 13.0200, 6.3320



119.5410, 14.5340, 0.9180



115.8840, -14.5330, -6.4450



116.6760, -16.6430, -1.2430

Sweetspot

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



120.6320, 13.0200, 6.3320



172.8050, 5.0430, 2.2190



121.7160, 4.2160, 11.7040



85.6090, 2.6590, 1.3710



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



120.6320, 13.0200, 6.3320



153.0460, 20.7220, 9.9220



124.8720, 12.1040, 0.9040



64.2070, 3.8510, 1.7950



42.2750, 72.2060, 35.0380



1.6090, 2.6590, 1.3710

Inverse Universe

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



120.6320, 13.0200, 6.3320



153.0460, 20.7220, 9.9220



125.1280, -12.1040, -0.9040



64.2070, 3.8510, 1.7950



42.2750, 72.2060, 35.0380



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 120.6320, 13.0200, 6.3320 looks on a white background.

Color Contrast Check

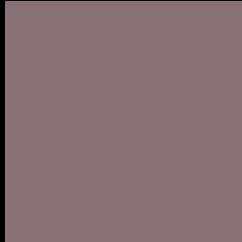
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.6320, 13.0200, 6.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

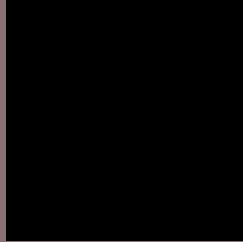
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.6320, 13.0200, 6.3320

Background



This preview shows how black text looks on a background with the YIQ color 120.6320, 13.0200, 6.3320.



This preview shows how white text looks on a background with the YIQ color 120.6320, 13.0200,

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

120.6320, 13.0200, 6.3320

Protanopia

119.1250, 1.1460, 1.2580

Deuteranopia

120.0120, 8.8940, 4.0140



Tritanopia

120.8000, 12.6070, 8.3110

Trichromacy



Original Color

120.6320, 13.0200, 6.3320

Protanomaly

119.6310, 5.5930, 3.2650

Deuteranomaly

120.0230, 10.3610, 4.9610

Tritanomaly

120.6860, 12.9280, 8.0000

Monochromacy



Original Color

120.6320, 13.0200, 6.3320

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.9190, 4.7220, 2.5300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.6320, 13.0200, 6.3320 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(137, 113, 117)` looks like.

```
.text, #text, p{  
    color:rgb(137, 113, 117)  
}
```

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(137, 113, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 113, 117) }
```

Border

The CSS property to change the border of an element to YIQ 120.6320, 13.0200, 6.3320 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(137, 113, 117) }
```


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

```
.border{ border-color:rgb(137, 113, 117) }
```

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

Here you see how a box with a 4 pixel rgb(137, 113, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 113, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 113, 117);  
box-shadow:4px 4px 4px 4px rgb(137, 113,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 120.6320, 13.0200, 6.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 113, 117) }
```

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

```
.background{ background-color: rgb(137,  
113, 117) }
```

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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