

Converting Colors

YIQ(116.1280, 6.2320, 19.2240)

Have a look what the booklet for
YIQ(116.1280, 6.2320, 19.2240)
contains.

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Color

**YIQ(116.1280, 6.2320,
19.2240)**

Conversions

Conversions Part 1

Format	Color
Hex	86668E
RGB	134, 102, 142
RGB Percent	53%, 40%, 56%
CMY	0.4744, 0.6000, 0.4431
CMYK	0.06, 0.28, 0.00, 0.44
HSL	288°, 16%, 48%
HSV	288°, 28%, 56%
XYZ	19.4680, 16.5235, 27.7538
YIQ	116.1280, 6.2320, 19.2240

Conversions

Conversions Part 2

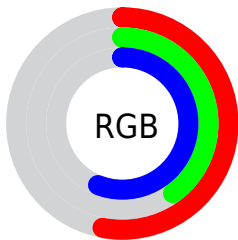
Format	Color
R_{YB}	134, 102, 142
Decimal	8808078
CIE _{Lab}	47.65, 20.36, -17.06
CIE _{LCh}	48, 26.567, 320.044
Yxy	16.5235, 0.3054, 0.2592
Android (android.graphics.Color)	4286998158 (0xFF86668E)
YUV	116.1280, 12.7549, 15.6737
Hunter-Lab	40.6491, 14.3529, -12.0268

Details

The YIQ color **116.1280, 6.2320, 19.2240** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **127.8720, -6.2320, -19.2240**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.3670, 7.0570, 20.7930**, and **67.8890, 5.4070, 17.6550** is the 20% darker color. If you saturate the color by 10%, you get **107.0130, 8.2940, 25.9100**, and if you desaturate by 10%, it is **125.2430, 4.1700, 12.5380**.

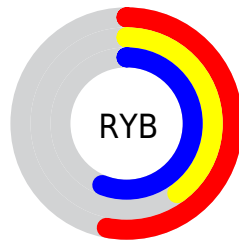
Distribution



Red (53%)

Green (40%)

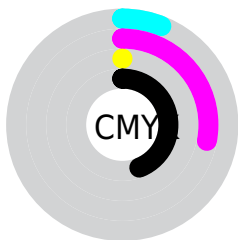
Blue (56%)



Red (53%)

Yellow (40%)

Blue (56%)

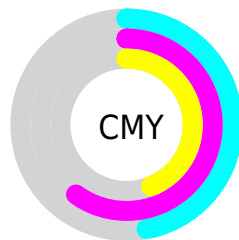


Cyan (6%)

Magenta (28%)

Yellow (0%)

Black (44%)



Cyan (47%)

Magenta (60%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 116.1280, 6.2320, 19.2240 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 116.1280, 6.2320, 19.2240 by changing the saturation by 10% instead.

■ 116.1280, 6.2320,
19.2240

■ 116.1280, 6.2320,
19.2240

■ 255.0000, -0.0000,
-0.0000

■ 91.3020, 5.6820,
18.1780

■ 168.3670, 7.0570,
20.7930

■ 67.8890, 5.4070,
17.6550

■ 195.7800, 7.3320,
21.3160

■ 45.0630, 4.8570,
16.6090

■ 223.7800, 7.3320,
21.3160

■ 23.0630, 4.8570,
16.6090

■ 243.8470, 5.2250,
9.9370

■ 6.4380, -0.8730,
10.3190

■ 0.0000, 0.0000,
0.0000

■ 116.1280, 6.2320,
19.2240

■ 116.1280, 6.2320,
19.2240

■ 107.0130, 8.2940,
25.9100

■ 125.2430, 4.1700,
12.5380

■ 97.8980, 10.3560,
32.5960

■ 134.3580, 2.1080,
5.8520

■ 88.4950, 13.2890,
40.0170

■ 144.0600, -0.2290,
-1.3570

■ 79.3800, 15.3510,
46.7030

■ 152.8760, -2.8870,
-8.2550

■ 70.2650, 17.4130,
53.3890

■ 161.9910, -4.9490,
-14.9410

■ 61.1500, 19.4750,
60.0750

■ 171.1060, -7.0110,
-21.6270

■ 52.0350, 21.5370,
66.7610


■ 180.2210, -9.0730,
-28.3130

■ 50.2740, 22.3620,

■ 189.9230,

68.3300

-11.4100, -35.5220

 198.7390,
-14.0680, -42.4200

Harmonies

Analogous

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



113.6350, -17.4250, 12.9350



116.1280, 6.2320, 19.2240



116.1810, 25.0760, 19.1240

Triad

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



116.1280, 6.2320, 19.2240



112.2140, 28.3360, -6.9280



97.5350, -56.3910, -18.7830

Complementary

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



116.1280, 6.2320, 19.2240



127.8720, -6.2320, -19.2240

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.



102.9860, -32.9160, -20.2120



116.1280, 6.2320, 19.2240



109.8590, 12.9780, -14.9420

Square

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



116.1280, 6.2320, 19.2240



114.1430, 36.2660, 3.5460



107.2030, -8.6620, -19.2380



99.1250, -60.7480, -11.4040

Rectangle

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



116.1280, 6.2320, 19.2240



115.3790, 33.1460, 16.0420



107.2030, -8.6620, -19.2380



99.0150, -49.0550, -19.5750

Sweetspot

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



116.1280, 6.2320, 19.2240



174.2980, 2.3370, 7.2090



111.2560, -15.0400, 8.2560



86.1190, 1.2830, 4.2830



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



116.1280, 6.2320, 19.2240



143.1320, 9.5770, 30.1930



117.1520, 14.8520, 17.1880



66.5920, 1.3290, 3.4490



47.6820, 21.0330, 64.8810



2.7060, 1.0080, 3.7600

Inverse Universe

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



114.8720, 21.2720, 10.9680



141.3190, 33.3750, 17.3990



126.8480, -14.8520, -17.1880



66.3210, 3.5300, 2.1060



43.4430, 71.7930, 37.0170



2.6200, 4.1260, 2.3180

Previews

White Background



This preview shows how the YIQ color 116.1280, 6.2320, 19.2240 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 116.1280, 6.2320, 19.2240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

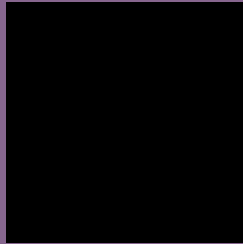
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 116.1280, 6.2320, 19.2240

Background



This preview shows how black text looks on a background with the YIQ color 116.1280, 6.2320, 19.2240.



This preview shows how white text looks on a background with the YIQ color 116.1280, 6.2320,

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

116.1280, 6.2320, 19.2240

Protanopia

113.5270, -17.2410, 9.5990

Deuteranopia

114.3060, -9.3090, 9.0190



Tritanopia

114.7890, 11.1400, 7.3640

Trichromacy



Original Color

116.1280, 6.2320, 19.2240

Protanomaly

114.1260, -8.6220, 13.0900

Deuteranomaly

115.0510, -4.0370, 12.5950

Tritanomaly

115.0540, 9.0760, 11.7320

Monochromacy



Original Color

116.1280, 6.2320, 19.2240

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

116.1840, 2.6580, 6.8980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.1280, 6.2320, 19.2240 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(134, 102, 142)` looks like.

```
.text, #text, p{  
    color:rgb(134, 102, 142)  
}
```

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(134, 102, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 102, 142) }
```

Border

The CSS property to change the border of an element to YIQ 116.1280, 6.2320, 19.2240 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(134, 102, 142) }
```


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

```
.border{ border-color:rgb(134, 102, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 102, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 102, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 102, 142);  
box-shadow:4px 4px 4px 4px rgb(134, 102,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 116.1280, 6.2320, 19.2240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 102, 142) }
```

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

```
.background{ background-color: rgb(134,  
102, 142) }
```

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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