

Converting Colors

YIQ(113.3020, 5.6820, 18.1780)

Have a look what the booklet for
YIQ(113.3020, 5.6820, 18.1780)
contains.

YIQ(113.3020, 5.6820, 18.1780)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(113.3020, 5.6820,
18.1780)**

Conversions

Conversions Part 1

Format	Color
Hex	82648A
RGB	130, 100, 138
RGB Percent	51%, 39%, 54%
CMY	0.4901, 0.6079, 0.4588
CMYK	0.06, 0.28, 0.00, 0.46
HSL	287°, 16%, 47%
HSV	287°, 28%, 54%
XYZ	18.3529, 15.6946, 26.1061
YIQ	113.3020, 5.6820, 18.1780

Conversions

Conversions Part 2

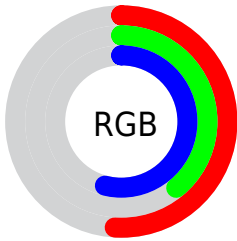
Format	Color
R_{YB}	130, 100, 138
Decimal	8545418
CIE _{Lab}	46.57, 19.29, -16.37
CIE _{LCh}	47, 25.300, 319.690
Yxy	15.6946, 0.3051, 0.2609
Android (android.graphics.Color)	4286735498 (0xFF82648A)
YUV	113.3020, 12.1761, 14.6441
Hunter-Lab	39.6164, 13.3642, -11.3390

Details

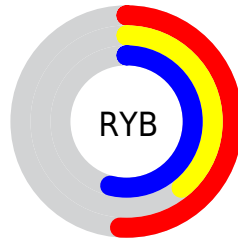
The YIQ color **113.3020, 5.6820, 18.1780** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **124.6980, -5.6820, -18.1780**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.2420, 5.9110, 19.5350**, and **65.0630, 4.8570, 16.6090** is the 20% darker color. If you saturate the color by 10%, you get **104.1870, 7.7440, 24.8640**, and if you desaturate by 10%, it is **122.4170, 3.6200, 11.4920**.

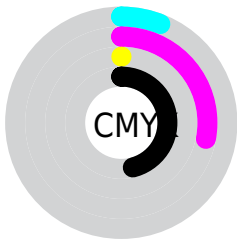
Distribution



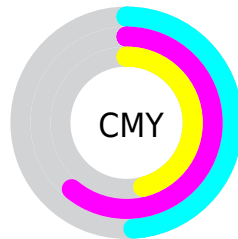
- Red (51%)
- Green (39%)
- Blue (54%)



- Red (51%)
- Yellow (39%)
- Blue (54%)



- Cyan (6%)
- Magenta (28%)
- Yellow (0%)
- Black (46%)



- Cyan (49%)
- Magenta (61%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.3020, 5.6820, 18.1780 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 113.3020, 5.6820, 18.1780 by changing the saturation by 10% instead.


 113.3020, 5.6820,
18.1780

 113.3020, 5.6820,
18.1780

255.0000, -0.0000,
-0.0000

 88.8890, 5.4070,
17.6550

 165.2420, 5.9110,
19.5350

 65.0630, 4.8570,
16.6090


 192.5410, 6.5070,
19.7470

 42.6500, 4.5820,
16.0860

 220.9540, 6.7820,
20.2700

 20.8240, 4.0320,
15.0400

 242.6730, 5.7750,
10.9830

 2.5080, -7.0620,
6.8420

 0.0000, 0.0000,
0.0000

113.3020, 5.6820,
18.1780

113.3020, 5.6820,
18.1780

104.1870, 7.7440,
24.8640

122.4170, 3.6200,
11.4920

95.0720, 9.8060,
31.5500

131.5320, 1.5580,
4.8060

86.5440, 11.5930,
37.7130

140.0600, -0.2290,
-1.3570

77.4290, 13.6550,
44.3990

149.1750, -2.2910,
-8.0430

68.6130, 16.3130,
51.2970

158.2900, -4.3530,
-14.7290

59.4980, 18.3750,
57.9830

167.1060, -7.0110,
-21.6270

50.3830, 20.4370,
64.6690


176.2210, -9.0730,
-28.3130

48.3230, 20.6660,

184.7490,

66.0260

-10.8600, -34.4760

 193.8640,
-12.9220, -41.1620

Harmonies

Analogous

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



111.2930, -16.4620, 12.0020



113.3020, 5.6820, 18.1780



113.2840, 23.2880, 18.4880

Triad

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



113.3020, 5.6820, 18.1780



109.8440, 26.5020, -6.7300



96.5140, -51.8980, -17.6100

Complementary

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



113.3020, 5.6820, 18.1780



124.6980, -5.6820, -18.1780

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.



100.5950, -30.2570, -18.8410



113.3020, 5.6820, 18.1780



107.2010, 12.0150, -14.0090

Square

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



113.3020, 5.6820, 18.1780



110.7730, 34.4320, 3.7440



104.9150, -7.7910, -18.5030



97.9900, -55.9340, -10.5420

Rectangle

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



113.3020, 5.6820, 18.1780



112.4820, 31.3580, 15.4060



104.9150, -7.7910, -18.5030



97.8090, -45.4790, -18.3030

Sweetspot

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



113.3020, 5.6820, 18.1780



169.2980, 2.3370, 7.2090



109.0280, -14.3980, 7.6340



83.1190, 1.2830, 4.2830



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.



113.3020, 5.6820, 18.1780



140.4800, 8.4770, 28.1010



114.4400, 13.9810, 16.4530



64.2930, 0.7330, 3.2370



46.5570, 19.8870, 63.6230



1.7660, 0.7790, 2.4030

Inverse Universe

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



112.2740, 20.0800, 10.5440



139.0090, 31.3120, 16.2400



123.5600, -13.9810, -16.4530



64.2070, 3.8510, 1.7950



42.9590, 70.2800, 36.9040



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 113.3020, 5.6820, 18.1780 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 113.3020, 5.6820, 18.1780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

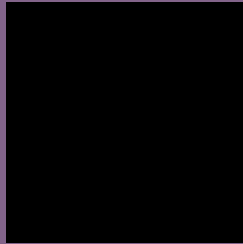
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 113.3020, 5.6820, 18.1780

Background



This preview shows how black text looks on a background with the YIQ color 113.3020, 5.6820, 18.1780.



This preview shows how white text looks on a background with the YIQ color 113.3020, 5.6820,

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

113.3020, 5.6820, 18.1780

Protanopia

110.7120, -16.3240, 9.5000

Deuteranopia

111.1920, -8.9880, 8.7080



Tritanopia

112.1910, 9.9480, 6.9400

Trichromacy



Original Color

113.3020, 5.6820, 18.1780

Protanomaly

111.8980, -7.9800, 12.4680

Deuteranomaly

111.9370, -3.7160, 12.2840

Tritanomaly

112.3420, 8.2050, 10.9970

Monochromacy



Original Color

113.3020, 5.6820, 18.1780

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.8850, 2.0620, 6.6860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.3020, 5.6820, 18.1780 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(130, 100, 138)` looks like.

```
.text, #text, p{  
    color:rgb(130, 100, 138)  
}
```

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(130, 100, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 100, 138) }
```

Border

The CSS property to change the border of an element to YIQ 113.3020, 5.6820, 18.1780 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(130, 100, 138) }
```


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

```
.border{ border-color:rgb(130, 100, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 100, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 100, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 100, 138);  
box-shadow:4px 4px 4px 4px rgb(130, 100,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 113.3020, 5.6820, 18.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 100, 138) }
```

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

```
.background{ background-color: rgb(130,  
100, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor