

Converting Colors

YIQ(118.1040, -20.7240, 1.1320)

Have a look what the booklet for
YIQ(118.1040, -20.7240, 1.1320)
contains.

YIQ(118.1040, -20.7240, 1.1320)	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(118.1040, -20.7240,
1.1320)**

Conversions

Conversions Part 1

Format	Color
Hex	637B8F
RGB	99, 123, 143
RGB Percent	39%, 48%, 56%
CMY	0.6118, 0.5176, 0.4393
CMYK	0.31, 0.14, 0.00, 0.44
HSL	207°, 18%, 47%
HSV	207°, 31%, 56%
XYZ	17.1846, 18.8029, 28.7003
YIQ	118.1040, -20.7240, 1.1320

Conversions

Conversions Part 2

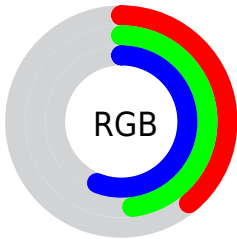
Format	Color
R _Y B	99, 115, 143
Decimal	6519695
CIE Lab	50.46, -3.72, -13.66
CIE LCh	50, 14.153, 254.769
Yxy	18.8029, 0.2657, 0.2907
Android (android.graphics.Color)	4284709775 (0xFF637B8F)
YUV	118.1040, 12.2737, -16.7542
Hunter-Lab	43.3623, -5.1438, -8.8888

Details

The YIQ color **118.1040, -20.7240, 1.1320** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **123.8960, 20.7240, -1.1320**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **170.3320, -21.3660, 1.7540**, and **68.9900, -20.4030, 0.8210** is the 20% darker color. If you saturate the color by 10%, you get **110.3960, -27.4180, 1.3020**, and if you desaturate by 10%, it is **126.3990, -14.3050, 0.4390**.

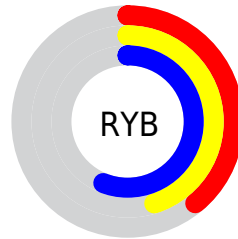
Distribution



Red (39%)

Green (48%)

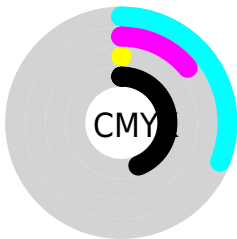
Blue (56%)



Red (39%)

Yellow (45%)

Blue (56%)

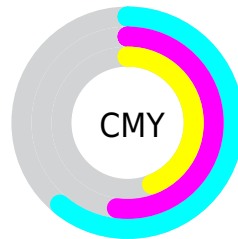


Cyan (31%)

Magenta (14%)

Yellow (0%)

Black (44%)



Cyan (61%)

Magenta (52%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.1040, -20.7240, 1.1320 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 118.1040, -20.7240, 1.1320 by changing the saturation by 10% instead.

■ 118.1040,
-20.7240, 1.1320

■ 118.1040,
-20.7240, 1.1320

■ 255.0000, -0.0000,
-0.0000

■ 92.9900, -20.4030,
0.8210

■ 170.3320,
-21.3660, 1.7540

■ 68.9900, -20.4030,
0.8210

■ 198.0330,
-21.9620, 1.5420

■ 46.4630, -20.3570,
-0.0130

■ 226.0330,
-21.9620, 1.5420

■ 24.1530, -22.4200,
-1.1720

■ 248.7210,
-12.5160, -4.4520

■ 5.3120, -9.4460,
5.9940

■ 0.0000, 0.0000,
0.0000

■ 118.1040,
-20.7240, 1.1320

■ 118.1040,
-20.7240, 1.1320

■ 110.3960,
-27.4180, 1.3020

■ 126.3990,
-14.3050, 0.4390

■ 101.8020,
-34.4330, 1.7830

■ 134.4060, -7.0150,
0.4810

■ 94.0940, -41.1270,
1.9530

■ 142.1140, -0.3210,
0.3110

■ 85.7990, -47.5460,
2.6460

■ 150.4090, 6.0980,
-0.3820

■ 78.0910, -54.2400,
2.8160

■ 158.1170, 12.7920,
-0.5520

■ 69.4970, -61.2550,
3.2970

■ 166.7110, 19.8070,
-1.0330

■ 62.0880, -67.3530,
3.6790

■ 174.4190, 26.5010,
-1.2030

■ 182.7140, 32.9200,

-1.8960

■ 190.7210, 40.2100,
-1.8540

Harmonies

Analogous

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



116.1910, -25.5830, -4.4230



118.1040, -20.7240, 1.1320



120.2410, -10.6840, 6.4040

Triad

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



118.1040, -20.7240, 1.1320



122.0950, 19.0260, 7.6180



117.7080, -2.4740, -10.2340

Complementary

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



118.1040, -20.7240, 1.1320



123.8960, 20.7240, -1.1320

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.



118.8620, 8.8960, -7.0400



118.1040, -20.7240, 1.1320



121.5310, 20.4940, 3.0380

Square

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



118.1040, -20.7240, 1.1320



122.3810, 12.4690, 10.8130



120.1020, 17.1480, -2.4040



116.4340, -13.3860, -10.7140

Rectangle

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



118.1040, -20.7240, 1.1320



121.4270, -2.3400, 9.3720



120.1020, 17.1480, -2.4040



118.2740, 1.7440, -9.5840

Sweetspot

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



118.1040, -20.7240, 1.1320



176.8080, -8.2070, 0.0570



127.1080, -18.5200, -16.7920



88.6620, -4.8600, -0.0280



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



118.1040, -20.7240, 1.1320



147.1720, -32.5990, 1.5850



105.1900, -14.6740, 12.6380



67.1460, -3.3470, 0.0850



58.8280, -63.6850, 3.2830



3.2600, -3.6680, 0.3960

Inverse Universe

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



114.8920, 18.5200, 16.7920



141.9630, 28.9260, 26.4460



136.8100, 14.6740, -12.6380



66.5490, 2.8880, 2.7280



48.8010, 56.7060, 51.6340



2.8480, 3.4840, 2.9400

Previews

White Background



This preview shows how the YIQ color 118.1040, -20.7240, 1.1320 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 118.1040, -20.7240, 1.1320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

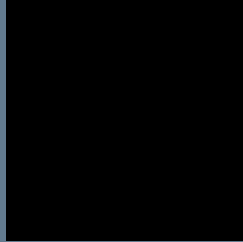
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

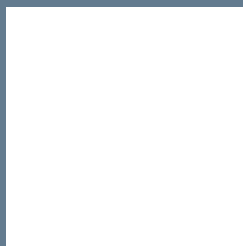
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 118.1040, -20.7240, 1.1320

Background



This preview shows how black text looks on a background with the YIQ color 118.1040, -20.7240, 1.1320.

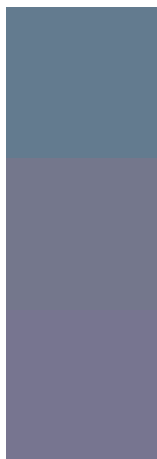


This preview shows how white text looks on a background with the YIQ color 118.1040, -20.7240,

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

118.1040, -20.7240, 1.1320

Protanopia

120.4970, -8.5290, 5.8950

Deuteranopia

120.6760, -7.4750, 8.8210



Tritanopia

117.0670, -19.3020, -2.6140

Trichromacy



Original Color

118.1040, -20.7240, 1.1320

Protanomaly

119.4040, -12.7010, 4.4110

Deuteranomaly

119.7570, -12.1970, 6.2910

Tritanomaly

117.7080, -19.6690, -1.4690

Monochromacy



Original Color

118.1040, -20.7240, 1.1320

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.1070, -7.6110, 0.2690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.1040, -20.7240, 1.1320 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(99, 123, 143)` looks like.

```
.text, #text, p{  
    color:rgb(99, 123, 143)  
}
```

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(99, 123, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 123, 143) }
```

Border

The CSS property to change the border of an element to YIQ 118.1040, -20.7240, 1.1320 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(99, 123, 143) }
```


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

```
.border{ border-color:rgb(99, 123, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 123, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 123, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 123, 143);  
box-shadow:4px 4px 4px 4px rgb(99, 123,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 118.1040, -20.7240, 1.1320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 123, 143) }
```

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

```
.background{ background-color: rgb(99, 123,  
143) }
```

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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