

Converting Colors

YIQ(100.6250, -12.6060,
-13.8380)

Have a look what the booklet for
YIQ(100.6250, -12.6060, -13.8380)
contains.

YIQ(100.6250, -12.6060, -13.8380)	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(100.6250, -12.6060,
-13.8380)**

Conversions

Conversions Part 1

Format	Color
Hex	50715B
RGB	80, 113, 91
RGB Percent	31%, 44%, 36%
CMY	0.6864, 0.5568, 0.6432
CMYK	0.29, 0.00, 0.19, 0.56
HSL	140°, 17%, 38%
HSV	140°, 29%, 44%
XYZ	11.1009, 14.2730, 12.0655
YIQ	100.6250, -12.6060, -13.8380

Conversions

Conversions Part 2

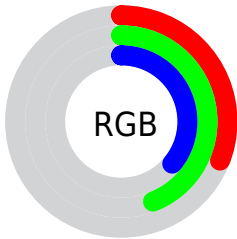
Format	Color
R_{YB}	80, 105, 113
Decimal	5271899
CIE _{Lab}	44.62, -16.90, 8.46
CIE _{LCh}	45, 18.895, 153.411
Yxy	14.2730, 0.2965, 0.3812
Android (android.graphics.Color)	4283461979 (0xFF50715B)
YUV	100.6250, -4.7451, -18.0881
Hunter-Lab	37.7796, -13.6650, 7.5105

Details

The YIQ color $100.6250, -12.6060, -13.8380$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $92.3750, 12.6060, 13.8380$, and the grayscale version is $101.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $151.7990, -13.1560, -14.8840$, and $53.4510, -12.0560, -12.7920$ is the 20% darker color. If you saturate the color by 10%, you get $96.4240, -16.5940, -18.6580$, and if you desaturate by 10%, it is $104.8260, -8.6180, -9.0180$.

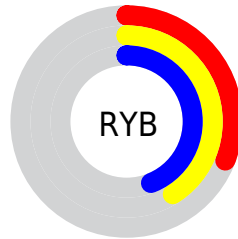
Distribution



Red (31%)

Green (44%)

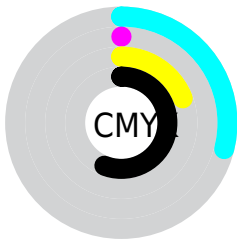
Blue (36%)



Red (31%)

Yellow (41%)

Blue (44%)

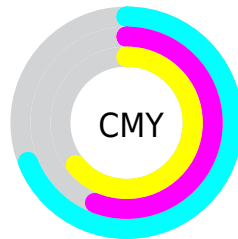


Cyan (29%)

Magenta (0%)

Yellow (19%)

Black (56%)



Cyan (69%)

Magenta (56%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 100.6250, -12.6060, -13.8380 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 100.6250, -12.6060, -13.8380 by changing the saturation by 10% instead.

■ 100.6250,
-12.6060, -13.8380

■ 100.6250,
-12.6060, -13.8380

■ 255.0000, -0.0000,
-0.0000

■ 76.0380, -12.3310,
-13.3150

■ 151.7990,
-13.1560, -14.8840

■ 53.4510, -12.0560,
-12.7920

■ 178.5000,
-13.7520, -15.0960

■ 31.3800, -13.2940,
-12.3820

■ 206.0870,
-14.0270, -15.6190

■ 14.0880, -6.6000,
-12.5520

■ 234.6740,
-14.3020, -16.1420

■ 0.0000, 0.0000,
0.0000

■ 250.0590, -7.6560,
-4.4240

■ 100.6250,
-12.6060, -13.8380

■ 100.6250,
-12.6060, -13.8380

■ 96.4240, -16.5940,
-18.6580

■ 104.8260, -8.6180,
-9.0180

■ 92.0380, -21.4990,
-23.3790

■ 109.2120, -3.7130,
-4.2970

■ 87.8370, -25.4870,
-28.1990

■ 113.4130, 0.2750,
0.5230

■ 83.7500, -29.7960,
-32.7080

■ 117.5000, 4.5840,
5.0320

■ 79.2500, -34.3800,
-37.7400

■ 121.7010, 8.5720,
9.8520

■ 75.1630, -38.6890,
-42.2490

■ 126.0870, 13.4770,
14.5730

■ 70.9620, -42.6770,
-47.0690

■ 130.2880, 17.4650,
19.3930

■ 70.6630, -43.2730,

■ 134.3750, 21.7740,

-47.2810

23.9020

■ 138.8750, 26.3580,
28.9340

Harmonies

Analogous

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



102.8780, 2.7990, -12.1850



100.6250, -12.6060, -13.8380



98.2520, -27.5530, -12.7770

Triad

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



100.6250, -12.6060, -13.8380



104.1520, -20.6790, 5.8250



107.1620, 26.0870, 6.3030

Complementary

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



100.6250, -12.6060, -13.8380



92.3750, 12.6060, 13.8380

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.



107.6980, 21.8220, 12.0140



100.6250, -12.6060, -13.8380



107.2250, -4.5870, 11.5490

Square

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



100.6250, -12.6060, -13.8380



100.6510, -32.6900, -2.2740



108.0050, 10.7720, 14.0360



106.1630, 24.3460, -0.6940

Rectangle

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



100.6250, -12.6060, -13.8380



97.5980, -34.3390, -10.9390



108.0050, 10.7720, 14.0360



107.4440, 25.3530, 8.5930

Sweetspot

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



100.6250, -12.6060, -13.8380



143.0870, -4.8590, -5.5550



105.9490, 4.0370, -12.5950



71.0380, -3.1630, -3.2510



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



100.6250, -12.6060, -13.8380



128.4620, -19.7570, -21.9090



102.5630, -18.0630, -8.5510



53.7500, -2.2920, -2.5160



75.0000, -45.8400, -50.3200



154.3370, -94.2470, -103.6790

Inverse Universe

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



92.3750, 12.6060, 13.8380



115.5380, 19.7570, 21.9090



90.4370, 18.0630, 8.5510



52.2500, 2.2920, 2.5160



45.0000, 45.8400, 50.3200



92.6630, 94.2470, 103.6790

Previews

White Background



This preview shows how the YIQ color 100.6250, -12.6060, -13.8380 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 100.6250, -12.6060, -13.8380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

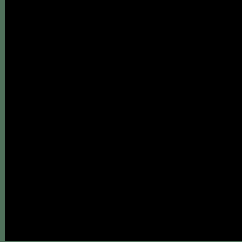
Any Text WCAG AA × Fail

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 100.6250, -12.6060, -13.8380 Background



This preview shows how black text looks on a background with the YIQ color 100.6250, -12.6060, -13.8380.



This preview shows how white text looks on a background with the YIQ color 100.6250, -12.6060, -13.8380.

-13.8380.

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

100.6250, -12.6060, -13.8380

Protanopia

104.7420, 9.3540, -4.3260

Deuteranopia

105.7690, 13.8920, 1.5400



Tritanopia

102.8500, -17.1930, -2.2890

Trichromacy



Original Color

100.6250, -12.6060, -13.8380

Protanomaly

103.3280, 1.6520, -7.9160

Deuteranomaly

103.5180, 4.1730, -4.0430

Tritanomaly

101.6990, -15.4500, -6.3460

Monochromacy



Original Color

100.6250, -12.6060, -13.8380

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

100.5000, -4.5840, -5.0320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.6250, -12.6060, -13.8380 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(80, 113, 91)` looks like.

```
.text, #text, p{  
    color:rgb(80, 113, 91)  
}
```

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(80, 113, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 113, 91) }
```

Border

The CSS property to change the border of an element to YIQ 100.6250, -12.6060, -13.8380 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(80, 113, 91) }
```


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

```
.border{ border-color:rgb(80, 113, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 113, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 113, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 113, 91);  
box-shadow:4px 4px 4px 4px rgb(80, 113,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 100.6250, -12.6060, -13.8380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 113, 91) }
```

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

```
.background{ background-color: rgb(80, 113,  
91) }
```

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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