

Converting Colors

YIQ(95.3760, -6.3300, 15.6060)

Have a look what the booklet for
YIQ(95.3760, -6.3300, 15.6060)
contains.

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Color

**YIQ(95.3760, -6.3300,
15.6060)**

Conversions

Conversions Part 1

Format	Color
Hex	635781
RGB	99, 87, 129
RGB Percent	39%, 34%, 51%
CMY	0.6117, 0.6588, 0.4942
CMYK	0.23, 0.33, 0.00, 0.49
HSL	257°, 19%, 42%
HSV	257°, 33%, 51%
XYZ	12.5164, 11.0536, 22.2376
YIQ	95.3760, -6.3300, 15.6060

Conversions

Conversions Part 2

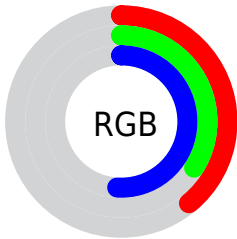
Format	Color
R_{YB}	99, 87, 129
Decimal	6510465
CIE _{Lab}	39.67, 14.42, -21.80
CIE _{LCh}	40, 26.135, 303.489
Yxy	11.0536, 0.2732, 0.2413
Android (android.graphics.Color)	4284700545 (0xFF635781)
YUV	95.3760, 16.5766, 3.1782
Hunter-Lab	33.2470, 9.0171, -16.3839

Details

The YIQ color $95.3760, -6.3300, 15.6060$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $120.6240, 6.3300, -15.6060$, and the grayscale version is $95.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $146.0170, -6.6970, 16.7510$, and $49.0230, -6.8340, 13.7260$ is the 20% darker color. If you saturate the color by 10%, you get $85.0540, -8.1190, 20.4970$, and if you desaturate by 10%, it is $105.6980, -4.5410, 10.7150$.

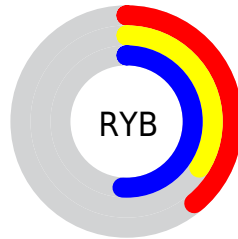
Distribution



Red (39%)

Green (34%)

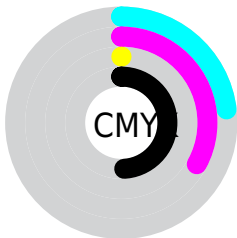
Blue (51%)



Red (39%)

Yellow (34%)

Blue (51%)

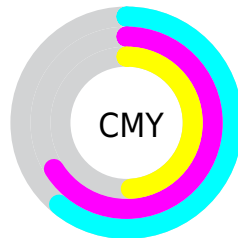


Cyan (23%)

Magenta (33%)

Yellow (0%)

Black (49%)



Cyan (61%)

Magenta (66%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.3760, -6.3300, 15.6060 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 95.3760, -6.3300, 15.6060 by changing the saturation by 10% instead.

■ 95.3760, -6.3300,
15.6060

■ 95.3760, -6.3300,
15.6060

■ 255.0000, -0.0000,
-0.0000

■ 71.8490, -6.2840,
14.7720

■ 146.3160, -6.1010,
16.9630

■ 49.0230, -6.8340,
13.7260

■ 172.5440, -6.7430,
17.5850

■ 27.3820, -6.4670,
12.5810

■ 199.9570, -6.4680,
18.1080

■ 6.3820, -6.4670,
12.5810

■ 226.7030, -2.9370,
14.6870

■ 1.1400, -3.2100,
3.1100

■ 250.3040, 2.2000,
4.1840

■ 0.0000, 0.0000,
0.0000

■ 95.3760, -6.3300,
15.6060

■ 95.3760, -6.3300,
15.6060

■ 85.0540, -8.1190,
20.4970

■ 105.6980, -4.5410,
10.7150

■ 74.7320, -9.9080,
25.3880

■ 116.0200, -2.7520,
5.8240

■ 64.1110, -12.2930,
30.0670

■ 126.6410, -0.3670,
1.1450

■ 53.7890, -14.0820,
34.9580

■ 136.9630, 1.4220,
-3.7460

■ 44.0540, -16.1460,
39.3260

■ 146.6980, 3.4860,
-8.1140

■ 33.7320, -17.9350,
44.2170

■ 157.0200, 5.2750,
-13.0050

■ 25.7690, -19.3570,
47.9630

■ 167.3420, 7.0640,
-17.8960

■ 177.9630, 9.4490,

-22.5750

■ 188.2850, 11.2380,
-27.4660

Harmonies

Analogous

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



91.0030, -30.4450, 6.6030



95.3760, -6.3300, 15.6060



96.3200, 14.4390, 19.1670

Triad

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



95.3760, -6.3300, 15.6060



93.6430, 31.6820, -1.4860



79.0430, -46.2580, -20.7060

Complementary

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



95.3760, -6.3300, 15.6060



120.6240, 6.3300, -15.6060

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.



85.6410, -18.7030, -18.9830



95.3760, -6.3300, 15.6060



91.6860, 20.9550, -10.8290

Square

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



95.3760, -6.3300, 15.6060



94.2340, 34.7520, 8.9600



89.1290, 3.3500, -16.6660



74.2720, -65.8360, -18.3160

Rectangle

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



95.3760, -6.3300, 15.6060



95.6540, 25.1220, 18.2900



89.1290, 3.3500, -16.6660



81.5450, -35.9880, -19.6040

Sweetspot

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



95.3760, -6.3300, 15.6060



154.4330, -2.4770, 6.3470



109.3980, -21.7320, -2.6280



76.0370, -1.4220, 3.7460



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



95.3760, -6.3300, 15.6060



115.7920, -10.1370, 24.0310



101.6550, 6.1860, 20.0580



58.3960, -1.0550, 2.6010



25.3560, -19.6320, 47.4400



0.0000, 0.0000, 0.0000

Inverse Universe

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



102.9780, 15.4020, 18.2340



127.7930, 23.6530, 28.3970



114.3450, -6.1860, -20.0580



59.6630, 2.5670, 3.0390



48.6460, 47.0770, 55.4370



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 95.3760, -6.3300, 15.6060 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 95.3760, -6.3300, 15.6060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

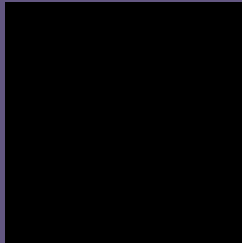
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.3760, -6.3300, 15.6060

Background



This preview shows how black text looks on a background with the YIQ color 95.3760, -6.3300, 15.6060.



This preview shows how white text looks on a background with the YIQ color 95.3760, -6.3300,

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

95.3760, -6.3300, 15.6060

Protanopia

93.3850, -19.7170, 10.4190

Deuteranopia

93.4130, -16.9200, 9.2880



Tritanopia

94.0970, -1.6510, 2.3890

Trichromacy



Original Color

95.3760, -6.3300, 15.6060

Protanomaly

94.1900, -14.6740, 12.6380

Deuteranomaly

94.0330, -12.7940, 11.6060

Tritanomaly

94.7750, -3.4400, 7.2800

Monochromacy



Original Color

95.3760, -6.3300, 15.6060

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.9060, -2.4310, 5.5130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.3760, -6.3300, 15.6060 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, 87, 129)` looks like.

```
.text, #text, p{  
    color:rgb(99, 87, 129)  
}
```

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, 87, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 87, 129) }
```

Border

The CSS property to change the border of an element to YIQ 95.3760, -6.3300, 15.6060 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, 87, 129) }
```


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

```
.border{ border-color:rgb(99, 87, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 87, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 87, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 87, 129);  
box-shadow:4px 4px 4px 4px rgb(99, 87,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 95.3760, -6.3300, 15.6060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 87, 129) }
```

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

```
.background{ background-color: rgb(99, 87,  
129) }
```

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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