

Converting Colors

YIQ(164.6070, 23.3360, 6.6000)

Have a look what the booklet for
YIQ(164.6070, 23.3360, 6.6000)
contains.

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Color

**YIQ(164.6070, 23.3360,
6.6000)**

Conversions

Conversions Part 1

Format	Color
Hex	BF9A96
RGB	191, 154, 150
RGB Percent	75%, 60%, 59%
CMY	0.2509, 0.3961, 0.4117
CMYK	0.00, 0.19, 0.21, 0.25
HSL	6°, 24%, 67%
HSV	6°, 21%, 75%
XYZ	38.5514, 36.3881, 33.8562
YIQ	164.6070, 23.3360, 6.6000

Conversions

Conversions Part 2

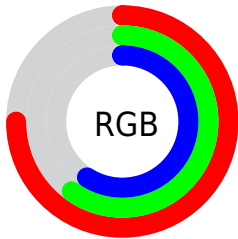
Format	Color
RYB	191, 154, 150
Decimal	12556950
CIELab	66.82, 13.15, 7.29
CIElCh	67, 15.038, 28.999
Yxy	36.3881, 0.3543, 0.3345
Android (android.graphics.Color)	4290747030 (0xFFBF9A96)
YUV	164.6070, -7.2013, 23.1467
Hunter-Lab	60.3225, 8.5127, 8.9491

Details

The YIQ color $164.6070, 23.3360, 6.6000$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $176.3930, -23.3360, -6.6000$, and the grayscale version is $165.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $219.5040, 25.1240, 7.2360$, and $112.7100, 21.5480, 5.9640$ is the 20% darker color. If you saturate the color by 10%, you get $152.4620, 34.1100, 9.5820$, and if you desaturate by 10%, it is $176.7520, 12.5620, 3.6180$.

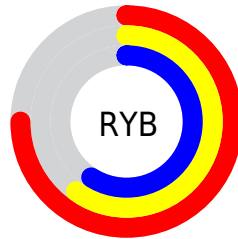
Distribution



Red (75%)

Green (60%)

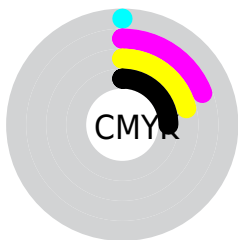
Blue (59%)



Red (75%)

Yellow (60%)

Blue (59%)

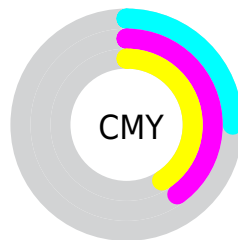


Cyan (0%)

Magenta (19%)

Yellow (21%)

Black (25%)



Cyan (25%)


Magenta (40%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 164.6070, 23.3360, 6.6000 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 164.6070, 23.3360, 6.6000 by changing the saturation by 10% instead.


 164.6070, 23.3360,
6.6000


 164.6070, 23.3360,
6.6000


255.0000, -0.0000,
-0.0000


 138.3080, 22.7400,
6.3880


 219.5040, 25.1240,
7.2360


 112.7100, 21.5480,
5.9640

 241.8120, 12.3330,
2.2610

 88.1120, 20.3560,
5.5400

 64.6280, 18.8430,
5.4270

 42.1440, 17.3300,
5.3140

 20.5030, 17.6970,
4.1690

 0.0000, 0.0000,

0.0000

■ 164.6070, 23.3360,
6.6000

■ 164.6070, 23.3360,
6.6000

■ 152.4620, 34.1100,
9.5820

■ 176.7520, 12.5620,
3.6180

■ 139.7300, 45.1590,
13.0870

■ 188.8970, 1.7880,
0.6360

■ 127.5850, 55.9330,
16.0690

■ 201.6290, -9.2610,
-2.8690

■ 115.4400, 66.7070,
19.0510

■ 213.7740,
-20.0350, -5.8510

■ 103.2950, 77.4810,
22.0330

■ 226.0330,
-31.1300, -8.5220

■ 90.4490, 88.8510,
25.2270

■ 235.8640,
-38.1440, -13.5680

■ 78.3040, 99.6250,
28.2090

■ 67.6750, 108.8860,
31.0780

Harmonies

Analogous

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



164.9040, 18.2460, 10.7420



164.6070, 23.3360, 6.6000



163.4340, 22.1450, 0.6490

Triad

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



164.6070, 23.3360, 6.6000



159.1310, -8.1590, -11.8310



161.7670, -18.1570, 4.1710

Complementary

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



164.6070, 23.3360, 6.6000



176.3930, -23.3360, -6.6000

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.



159.4730, -26.3170, -2.1330



164.6070, 23.3360, 6.6000



157.7260, -20.0800, -10.5440

Square

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



164.6070, 23.3360, 6.6000



160.8290, 4.4950, -9.8810



157.7130, -27.2330, -7.5610



163.8720, -5.0910, 9.6690

Rectangle

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



164.6070, 23.3360, 6.6000



162.6460, 18.4320, -3.6480



157.7130, -27.2330, -7.5610



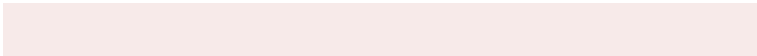
160.8590, -21.4120, 2.5880

Sweetspot

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



164.6070, 23.3360, 6.6000



237.7730, 8.0690, 2.4450



166.5910, 12.2380, 20.5100



119.2780, 5.0890, 1.3850



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



164.6070, 23.3360, 6.6000



205.6580, 36.4940, 10.4300



176.3470, 17.8360, -3.8600



88.2780, 5.0890, 1.3850



56.0470, 90.0430, 25.6510



11.0300, 17.6510, 5.0030

Inverse Universe

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



176.3930, -23.3360, -6.6000



224.3420, -36.4940, -10.4300



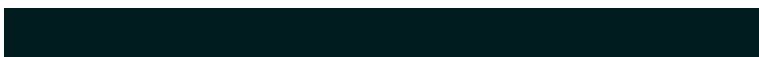
164.6530, -17.8360, 3.8600



90.7220, -5.0890, -1.3850



101.9530, -90.0430, -25.6510



19.9700, -17.6510, -5.0030

Previews

White Background



This preview shows how the YIQ color 164.6070, 23.3360, 6.6000 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 164.6070, 23.3360, 6.6000 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 ✓ Pass

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

YIQ 164.6070, 23.3360, 6.6000

Background



This preview shows how black text looks on a background with the YIQ color 164.6070, 23.3360, 6.6000.



This preview shows how white text looks on a background with the YIQ color 164.6070, 23.3360,

6.6000.

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

164.6070, 23.3360, 6.6000

Protanopia

162.8820, 6.1440, -1.2160

Deuteranopia

163.8620, 18.0640, 3.0240



Tritanopia

165.6270, 20.5840, 12.4240

Trichromacy



Original Color

164.6070, 23.3360, 6.6000

Protanomaly

163.3990, 12.0580, 1.7380

Deuteranomaly

164.1720, 20.1270, 4.1830

Tritanomaly

165.3450, 21.3180, 10.1340

Monochromacy



Original Color

164.6070, 23.3360, 6.6000

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.7730, 8.0690, 2.4450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.6070, 23.3360, 6.6000 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(191, 154, 150)` looks like.

```
.text, #text, p{  
    color:rgb(191, 154, 150)  
}
```

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(191, 154, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 154, 150) }
```

Border

The CSS property to change the border of an element to YIQ 164.6070, 23.3360, 6.6000 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(191, 154, 150) }
```


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

```
.border{ border-color:rgb(191, 154, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 154, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 154, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 154, 150);  
box-shadow:4px 4px 4px 4px rgb(191, 154,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 164.6070, 23.3360, 6.6000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 154, 150) }
```

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

```
.background{ background-color: rgb(191,  
154, 150) }
```

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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