

Converting Colors

YIQ(66.3040, 66.3760, 74.6320)

Have a look what the booklet for
YIQ(66.3040, 66.3760, 74.6320)
contains.

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Color

**YIQ(66.3040, 66.3760,
74.6320)**

Conversions

Conversions Part 1

Format	Color
Hex	B00078
RGB	176, 0, 120
RGB Percent	69%, 0%, 47%
CMY	0.3093, 0.9999, 0.5292
CMYK	0.00, 1.00, 0.32, 0.31
HSL	319°, 100%, 35%
HSV	319°, 100%, 69%
XYZ	21.3258, 10.6019, 18.7055
YIQ	66.3040, 66.3760, 74.6320

Conversions

Conversions Part 2

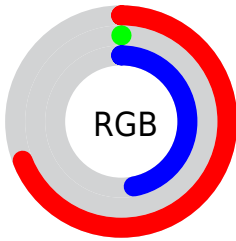
Format	Color
R_{YB}	176, 0, 120
Decimal	11534456
CIE _{Lab}	38.90, 67.18, -16.52
CIE _{LCh}	39, 69.183, 346.182
Yxy	10.6019, 0.4212, 0.2094
Android (android.graphics.Color)	4289724536 (0xFFB00078)
YUV	66.3040, 26.4721, 96.2034
Hunter-Lab	32.5606, 59.9288, -11.2687

Details

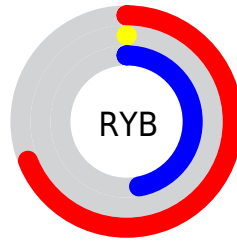
The YIQ color **66.3040, 66.3760, 74.6320** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **109.6960, -66.3760, -74.6320**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **138.3060, 62.8940, 60.6380**, and **43.3760, 47.5370, 47.0970** is the 20% darker color. If you saturate the color by 10%, you get **66.3040, 66.3760, 74.6320**, and if you desaturate by 10%, it is **77.5540, 59.5000, 67.0840**.

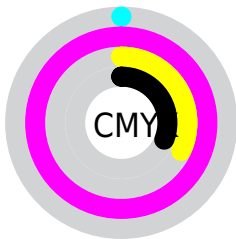
Distribution



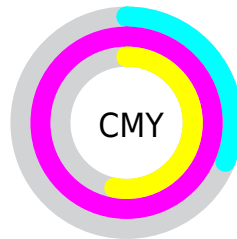
- Red (69%)
- Green (0%)
- Blue (47%)



- Red (69%)
- Yellow (0%)
- Blue (47%)



- Cyan (0%)
- Magenta (100%)
- Yellow (32%)
- Black (31%)



- Cyan (31%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 66.3040, 66.3760, 74.6320 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 66.3040, 66.3760, 74.6320 by changing the saturation by 10% instead.

■ 66.3040, 66.3760,
74.6320

■ 66.3040, 66.3760,
74.6320

■ 255.0000, -0.0000,
-0.0000

■ 54.7830, 57.1170,
60.7090

■ 138.3060, 62.8940,
60.6380

■ 43.3760, 47.5370,
47.0970

■ 164.7890, 56.9800,
57.6840

■ 32.4960, 37.9110,
34.3190

■ 185.0040, 40.0170,
51.2250

■ 22.3280, 29.1560,
22.2760

■ 204.5180, 23.6500,
44.9780

■ 9.9810, 19.3470,
7.3070

■ 222.1280, 15.4000,
29.2880

■ 0.0000, 0.0000,
0.0000

■ 239.1510, 7.4250,

14.1210

■ 66.3040, 66.3760,
74.6320

■ 77.5540, 59.5000,
67.0840

■ 88.1030, 53.2200,
59.7480

■ 99.3530, 46.3440,
52.2000

■ 109.9020, 40.0640,
44.8640

■ 121.1520, 33.1880,
37.3160

■ 132.4020, 26.3120,
29.7680

■ 142.9510, 20.0320,
22.4320

■ 154.2010, 13.1560,
14.8840

■ 165.4510, 6.2800,
7.3360

Harmonies

Analogous

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



92.1110, 6.0430, 50.1950



66.3040, 66.3760, 74.6320



63.2090, 90.9080, 59.5480

Triad

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



66.3040, 66.3760, 74.6320



82.9410, 23.7100, -33.2340



86.0530, -86.6080, -5.2960

Complementary

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



66.3040, 66.3760, 74.6320



109.6960, -66.3760, -74.6320

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.



81.4130, -70.7870, -22.2030



66.3040, 66.3760, 74.6320



63.9830, -29.9750, -57.0070

Square

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



66.3040, 66.3760, 74.6320



87.0260, 57.8640, -13.4320



73.5130, -51.2980, -39.5060



85.2500, -93.9920, 7.3840

Rectangle

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



66.3040, 66.3760, 74.6320



75.7850, 88.0250, 29.1850



73.5130, -51.2980, -39.5060



84.8160, -81.7470, -10.7950

Sweetspot

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



66.3040, 66.3760, 74.6320



186.9890, 26.0370, 29.2450



36.8080, -23.1200, 66.6080



88.8640, 15.7230, 17.9230



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



66.3040, 66.3760, 74.6320



86.5540, 87.0040, 97.2760



56.2720, 94.6240, 47.2640



83.3750, 3.4380, 3.7740



57.6030, 57.8040, 64.7800



9.7120, 10.0390, 10.7990

Inverse Universe

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



66.3040, 66.3760, 74.6320



86.5540, 87.0040, 97.2760



119.7280, -94.6240, -47.2640



83.3750, 3.4380, 3.7740



57.6030, 57.8040, 64.7800



9.7120, 10.0390, 10.7990

Previews

White Background



This preview shows how the YIQ color 66.3040, 66.3760, 74.6320 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 66.3040, 66.3760, 74.6320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

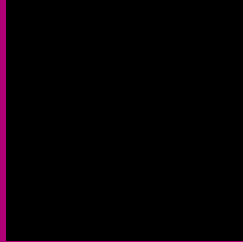
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 66.3040, 66.3760, 74.6320

Background



This preview shows how black text looks on a background with the YIQ color 66.3040, 66.3760, 74.6320.



This preview shows how white text looks on a background with the YIQ color 66.3040, 66.3760,

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

66.3040, 66.3760, 74.6320

Protanopia

89.9430, -47.4110, 16.7250

Deuteranopia

95.1770, -4.6320, 6.8560



Tritanopia

84.3040, 73.2620, 26.9100

Trichromacy



Original Color

66.3040, 66.3760, 74.6320

Protanomaly

81.5620, -6.0130, 37.4030

Deuteranomaly

85.1180, 21.3600, 31.4080

Tritanomaly

77.8870, 70.7830, 44.3110

Monochromacy



Original Color

66.3040, 66.3760, 74.6320

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

66.1520, 24.0200, 27.2520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.3040, 66.3760, 74.6320 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(176, 0, 120)` looks like.

```
.text, #text, p{  
    color:rgb(176, 0, 120)  
}
```

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(176, 0, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 0, 120) }
```

Border

The CSS property to change the border of an element to YIQ 66.3040, 66.3760, 74.6320 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(176, 0, 120) }
```


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

```
.border{ border-color:rgb(176, 0, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 0, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 0, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 0, 120);  
box-shadow:4px 4px 4px 4px rgb(176, 0,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 66.3040, 66.3760, 74.6320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 0, 120) }
```

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

```
.background{ background-color: rgb(176, 0,  
120) }
```

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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