

Converting Colors

YIQ(105.4040, -73.4540,
20.6420)

Have a look what the booklet for
YIQ(105.4040, -73.4540, 20.6420)
contains.

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Color

**YIQ(105.4040, -73.4540,
20.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	3070DE
RGB	48, 112, 222
RGB Percent	19%, 44%, 87%
CMY	0.8118, 0.5607, 0.1298
CMYK	0.78, 0.50, 0.00, 0.13
HSL	218°, 72%, 53%
HSV	218°, 78%, 87%
XYZ	20.1870, 17.4910, 71.3519
YIQ	105.4040, -73.4540, 20.6420

Conversions

Conversions Part 2

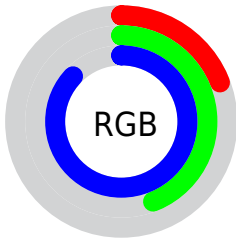
Format	Color
R _Y B	48, 95, 222
Decimal	3174622
CIE Lab	48.87, 18.70, -61.87
CIE LCh	49, 64.631, 286.814
Yxy	17.4910, 0.1852, 0.1604
Android (android.graphics.Color)	4281364702 (0xFF3070DE)
YUV	105.4040, 57.4818, -50.3433
Hunter-Lab	41.8222, 12.9707, -71.8777

Details

The YIQ color **105.4040, -73.4540, 20.6420** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **164.5960, 73.4540, -20.6420**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.6310, -55.1600, 19.4960**, and **57.0790, -71.1610, 17.6310** is the 20% darker color. If you saturate the color by 10%, you get **90.6080, -82.7160, 23.3000**, and if you desaturate by 10%, it is **120.2000, -64.1920, 17.9840**.

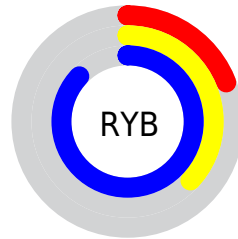
Distribution



Red (19%)

Green (44%)

Blue (87%)



Red (19%)

Yellow (37%)

Blue (87%)

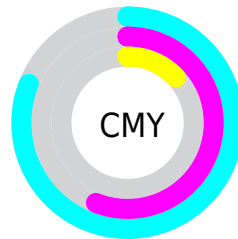


Cyan (78%)

Magenta (50%)

Yellow (0%)

Black (13%)



Cyan (81%)

Magenta (56%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 105.4040, -73.4540, 20.6420 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 105.4040, -73.4540, 20.6420 by changing the saturation by 10% instead.

■ 105.4040,
-73.4540, 20.6420

■ 105.4040,
-73.4540, 20.6420

■ 255.0000, -0.0000,
-0.0000

■ 73.7720, -86.4740,
14.3100

■ 160.6310,
-55.1600, 19.4960

■ 57.0790, -71.1610,
17.6310

■ 185.7490,
-44.1090, 11.9470

■ 41.6740, -56.7190,
20.2170

■ 211.1550,
-33.9290, 3.6630

■ 28.1440, -43.4230,
21.5450

■ 236.8600,
-23.1530, -4.4090

■ 11.2060, -28.7980,
26.3220

■ 251.4120, -7.1520,
-2.5440

■ 10.7040, -21.8730,
16.4550

■ 6.3210, -13.6650,

10.8710

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 105.4040,
-73.4540, 20.6420

■ 105.4040,
-73.4540, 20.6420

■ 90.6080, -82.7160,
23.3000

■ 120.2000,
-64.1920, 17.9840

■ 75.8120, -91.9780,
25.9580

■ 134.9960,
-54.9300, 15.3260

■ 73.4420, -93.8120,
26.1560

■ 150.0910,
-45.0720, 12.8800

■ 164.8870,
-35.8100, 10.2220

■ 179.6830,
-26.5480, 7.5640

■ 194.4790,
-17.2860, 4.9060

■ 209.2750, -8.0240,
2.2480

■ 224.3700, 1.8340,
-0.1980

■ 239.1660, 11.0960,
-2.8560

Harmonies

Analogous

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



101.1450, -107.0580, 1.8860



105.4040, -73.4540, 20.6420



119.0140, 7.6940, 47.8060

Triad

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



105.4040, -73.4540, 20.6420



109.6680, 83.2600, 10.9080



91.7390, -66.7940, -45.0180

Complementary

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



105.4040, -73.4540, 20.6420



164.5960, 73.4540, -20.6420

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.



93.9670, -23.8780, -51.8620



105.4040, -73.4540, 20.6420



109.4750, 66.4850, -20.9950

Square

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



105.4040, -73.4540, 20.6420



106.2920, 82.7040, 43.0240



105.3900, 32.3310, -40.7970



99.4110, -85.6410, -28.3370

Rectangle

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



105.4040, -73.4540, 20.6420



114.3790, 43.4550, 54.9990



105.3900, 32.3310, -40.7970



88.9860, -60.4200, -50.4040

Sweetspot

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



105.4040, -73.4540, 20.6420



213.8680, -25.6310, 7.4650



162.3360, -82.1970, -57.7250



102.8490, -15.4520, 4.7080



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



105.4040, -73.4540, 20.6420



94.6030, -101.5150, 28.0930



73.8160, -43.9340, 58.3540



104.6020, -4.6310, 1.3290



58.2190, -74.3710, 20.7410



16.0380, -20.3580, 5.5140

Inverse Universe

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



107.3220, 83.1600, 56.7920



96.9060, 114.4710, 78.5590



196.1840, 43.9340, -58.3540



104.7450, 5.2720, 3.5760



60.0340, 84.0310, 57.5270



16.4040, 22.8300, 15.7740

Previews

White Background



This preview shows how the YIQ color 105.4040, -73.4540, 20.6420 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 105.4040, -73.4540, 20.6420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

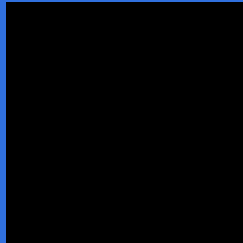
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

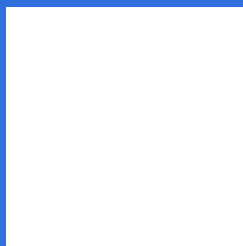
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 105.4040, -73.4540, 20.6420

Background



This preview shows how black text looks on a background with the YIQ color 105.4040, -73.4540, 20.6420.



This preview shows how white text looks on a background with the YIQ color 105.4040, -73.4540,

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

105.4040, -73.4540, 20.6420

Protanopia

106.4860, -70.7490, 21.1790

Deuteranopia

92.7500, -98.5760, 2.3520



Tritanopia

90.7540, -79.1770, -24.3370

Trichromacy



Original Color

105.4040, -73.4540, 20.6420

Protanomaly

106.1870, -71.3450, 20.9670

Deuteranomaly

97.3430, -89.8200, 8.8680

Tritanomaly

95.8490, -77.3460, -7.9540

Monochromacy



Original Color

105.4040, -73.4540, 20.6420

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.3840, -27.1440, 7.3520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.4040, -73.4540, 20.6420 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(48, 112, 222)` looks like.

```
.text, #text, p{  
    color:rgb(48, 112, 222)  
}
```

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(48, 112, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 112, 222) }
```

Border

The CSS property to change the border of an element to YIQ 105.4040, -73.4540, 20.6420 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(48, 112, 222) }
```


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

```
.border{ border-color:rgb(48, 112, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 112, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 112, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 112, 222);  
box-shadow:4px 4px 4px 4px rgb(48, 112,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 105.4040, -73.4540, 20.6420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 112, 222) }
```

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

```
.background{ background-color: rgb(48, 112,  
222) }
```

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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