

Converting Colors

YIQ(120.3920, -64.0120,
36.7560)

Have a look what the booklet for
YIQ(120.3920, -64.0120, 36.7560)
contains.

YIQ(120.3920, -64.0120, 36.7560)	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>	30

Color

**YIQ(120.3920, -64.0120,
36.7560)**

Conversions

Conversions Part 1

Format	Color
Hex	5272FE
RGB	82, 114, 254
RGB Percent	32%, 45%, 100%
CMY	0.6784, 0.5529, 0.0043
CMYK	0.68, 0.55, 0.00, 0.00
HSL	229°, 99%, 66%
HSV	229°, 68%, 100%
XYZ	27.3734, 20.9815, 96.2954
YIQ	120.3920, -64.0120, 36.7560

Conversions

Conversions Part 2

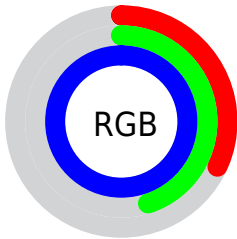
Format	Color
R _Y B	82, 109, 254
Decimal	5403390
CIE Lab	52.93, 33.08, -73.13
CIE LCh	53, 80.267, 294.341
Yxy	20.9815, 0.1892, 0.1451
Android (android.graphics.Color)	4283593470 (0xFF5272FE)
YUV	120.3920, 65.8687, -33.6698
Hunter-Lab	45.8056, 26.5115, -92.5792

Details

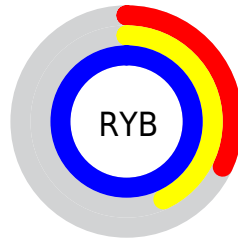
The YIQ color **120.3920, -64.0120, 36.7560** is a light color, and the websafe version is hex **3366FF**. The color can be described as light muted azure. A complement of this color would be **215.6080, 64.0120, -36.7560**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **171.0630, -38.7010, 24.0750**, and **61.6730, -81.3410, 25.9150** is the 20% darker color. If you saturate the color by 10%, you get **100.5900, -73.1370, 42.4390**, and if you desaturate by 10%, it is **140.1940, -54.8870, 31.0730**.

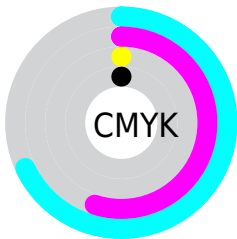
Distribution



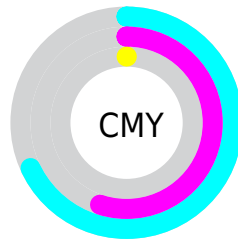
- Red (32%)
- Green (45%)
- Blue (100%)



- Red (32%)
- Yellow (43%)
- Blue (100%)



- Cyan (68%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (68%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.3920, -64.0120, 36.7560 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 120.3920, -64.0120, 36.7560 by changing the saturation by 10% instead.

■ 120.3920,
-64.0120, 36.7560

■ 120.3920,
-64.0120, 36.7560

■ 255.0000, -0.0000,
-0.0000

■ 89.8420, -74.3270,
30.9610

■ 170.7640,
-39.2970, 23.8630

■ 61.6730, -81.3410,
25.9150

■ 196.1810,
-27.6500, 16.5260

■ 45.5670, -66.3030,
28.7130

■ 221.2990,
-16.5990, 8.9770

■ 31.9230, -52.6860,
29.7300

■ 247.5910, -6.0980,
0.3820

■ 16.0450, -38.2900,
33.1500

■ 16.6030, -31.5940,
21.9260

■ 11.5190, -22.7900,

16.5540

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,
5.6970

■ 120.3920,
-64.0120, 36.7560

■ 120.3920,
-64.0120, 36.7560

■ 100.5900,
-73.1370, 42.4390

■ 140.1940,
-54.8870, 31.0730

■ 81.0760, -83.1330,
47.3870

■ 159.7080,
-44.8910, 26.1250

■ 61.2740, -92.2580,
53.0700

■ 179.5100,
-35.7660, 20.4420

■ 56.5450, -94.4590,
54.4130

■ 199.6110,
-26.0450, 14.9710

■ 218.8260,
-16.6450, 9.8110

■ 238.6280, -7.5200,
4.1280

254.8860, 0.3210,
-0.3110

Harmonies

Analogous

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



110.6630, -120.0800, 6.6080



120.3920, -64.0120, 36.7560



125.1560, 28.5060, 67.1140

Triad

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



120.3920, -64.0120, 36.7560



115.0550, 103.6190, -0.1330



103.6390, -78.2560, -46.5440

Complementary

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



120.3920, -64.0120, 36.7560



215.6080, 64.0120, -36.7560

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.



91.9260, -52.1640, -67.8760



120.3920, -64.0120, 36.7560



118.8890, 65.0190, -27.4690

Square

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



120.3920, -64.0120, 36.7560



105.5620, 108.6070, 52.6630



111.1940, 20.7790, -51.7090



112.3200, -101.3220, -24.9860

Rectangle

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



120.3920, -64.0120, 36.7560



111.3480, 72.2440, 78.4200



111.1940, 20.7790, -51.7090



99.6150, -69.6810, -53.2730

Sweetspot

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



120.3920, -64.0120, 36.7560



215.0970, -18.8460, 11.1540



198.6960, -91.5980, -47.0380



104.0560, -11.6010, 6.5030



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.



120.3920, -64.0120, 36.7560



94.4910, -77.1720, 43.9800



117.1560, -24.2200, 64.5160



117.6560, -4.7230, 2.9970



42.9060, -71.2110, 40.5730



14.3400, -23.8440, 13.6280

Inverse Universe

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



137.0760, 92.2400, 46.4160



114.3390, 110.8530, 56.0130



218.8440, 24.2200, -64.5160



119.1150, 7.1060, 3.3780



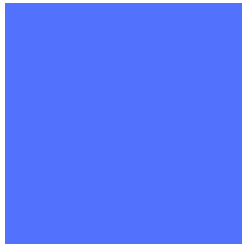
61.2130, 102.2800, 51.6880



20.5040, 34.2920, 17.3000

Previews

White Background



This preview shows how the YIQ color 120.3920, -64.0120, 36.7560 looks on a white background.

Color Contrast Check

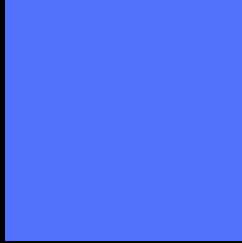
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 120.3920, -64.0120, 36.7560 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 120.3920, -64.0120, 36.7560

Background



This preview shows how black text looks on a background with the YIQ color 120.3920, -64.0120, 36.7560.



This preview shows how white text looks on a background with the YIQ color 120.3920, -64.0120,

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

120.3920, -64.0120, 36.7560

Protanopia

106.9740, -101.4220, 20.8980

Deuteranopia

100.5580, -106.7830, 2.4090

Trichromacy



Original Color

120.3920, -64.0120, 36.7560

Protanomaly

111.4920, -88.0810, 26.9190

Deuteranomaly

107.8470, -91.0590, 14.8050

Monochromacy



Original Color

120.3920, -64.0120, 36.7560

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.2260, -23.5230, 13.3170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.3920, -64.0120, 36.7560 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(82, 114, 254)` looks like.

```
.text, #text, p{  
    color:rgb(82, 114, 254)  
}
```

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(82, 114, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 114, 254) }
```

Border

The CSS property to change the border of an element to YIQ 120.3920, -64.0120, 36.7560 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(82, 114, 254) }
```

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

```
.border{ border-color:rgb(82, 114, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 114, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 114, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 114, 254);  
box-shadow:4px 4px 4px 4px rgb(82, 114,  
254) }
```


Background

The CSS property to change the background color of an element to YIQ 120.3920, -64.0120, 36.7560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 114, 254) }
```

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

```
.background{ background-color: rgb(82, 114,  
254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor