

Converting Colors

YIQ(125.5120, -64.4700,
34.0420)

Have a look what the booklet for
YIQ(125.5120, -64.4700, 34.0420)
contains.

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Color

**YIQ(125.5120, -64.4700,
34.0420)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 5579FF |
| RGB | 85, 121, 255 |
| RGB Percent | 33%, 47%, 100% |
| CMY | 0.6666, 0.5254, 0.0004 |
| CMYK | 0.67, 0.53, 0.00, 0.00 |
| HSL | 227°, 100%, 67% |
| HSV | 227°, 67%, 100% |
| XYZ | 28.6207, 22.8239, 97.4273 |
| YIQ | 125.5120, -64.4700, 34.0420 |

Conversions

Conversions Part 2

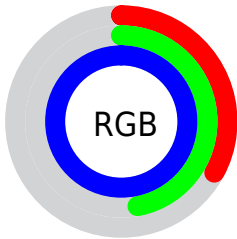
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 85, 115, 255 |
| Decimal | 5601791 |
| CIE Lab | 54.89, 29.57, -70.50 |
| CIE LCh | 55, 76.450, 292.756 |
| Yxy | 22.8239, 0.1923, 0.1533 |
| Android (android.graphics.Color) | 4283791871 (0xFF5579FF) |
| YUV | 125.5120, 63.8376, -35.5290 |
| Hunter-Lab | 47.7743, 23.3311, -87.4694 |

Details

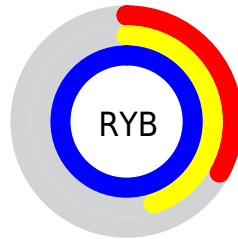
The YIQ color **125.5120, -64.4700, 34.0420** is a light color, and the websafe version is hex **3366FF**. The color can be described as light muted azure. A complement of this color would be **214.4880, 64.4700, -34.0420**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.7700, -39.4340, 20.8380**, and **65.3090, -83.3120, 23.0880** is the 20% darker color. If you saturate the color by 10%, you get **106.2970, -73.8700, 39.2020**, and if you desaturate by 10%, it is **145.0260, -54.4740, 29.0940**.

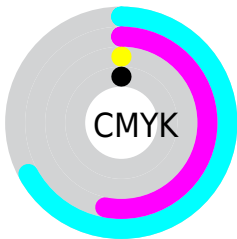
Distribution



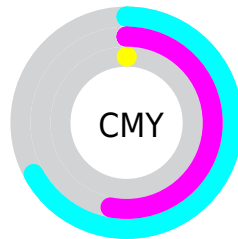
- Red (33%)
- Green (47%)
- Blue (100%)



- Red (33%)
- Yellow (45%)
- Blue (100%)



- Cyan (67%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.5120, -64.4700, 34.0420 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 125.5120, -64.4700, 34.0420 by changing the saturation by 10% instead.

■ 125.5120,
-64.4700, 34.0420

■ 125.5120,
-64.4700, 34.0420

■ 255.0000, -0.0000,
-0.0000

■ 95.5600, -73.5930,
28.6710

■ 175.7700,
-39.4340, 20.8380

■ 65.3090, -83.3120,
23.0880

■ 200.8880,
-28.3830, 13.2890

■ 49.7900, -68.5490,
25.3630

■ 226.5930,
-17.6070, 5.2170

■ 34.9720, -54.3820,
27.4260

■ 251.7110, -6.5560,
-2.3320

■ 21.4420, -41.0860,
28.7540

■ 14.3690, -30.8150,
24.3290

■ 11.6330, -23.1110,

16.8650

■ 6.6630, -14.6280,
11.8040

■ 2.9810, -7.0160,
6.0080

■ 125.5120,
-64.4700, 34.0420

■ 125.5120,
-64.4700, 34.0420

■ 106.2970,
-73.8700, 39.2020

■ 145.0260,
-54.4740, 29.0940

■ 86.7830, -83.8660,
44.1500

■ 164.2410,
-45.0740, 23.9340

■ 67.5680, -93.2660,
49.3100

■ 183.4560,
-35.6740, 18.7740

■ 60.7680, -96.7050,
51.0630

■ 202.9700,
-25.6780, 13.8260

■ 222.1850,
-16.2780, 8.6660

■ 242.2860, -6.5570,
3.1950

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



114.1850, -121.7300, 3.4700



125.5120, -64.4700, 34.0420



132.7700, 23.6010, 62.3930

Triad

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



125.5120, -64.4700, 34.0420



121.8960, 99.8130, 2.7650



106.2150, -79.9980, -48.0140

Complementary

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



125.5120, -64.4700, 34.0420



214.4880, 64.4700, -34.0420

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.



95.1860, -55.8320, -67.4800



125.5120, -64.4700, 34.0420



123.6290, 68.6870, -27.8650

Square

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



125.5120, -64.4700, 34.0420



116.1050, 102.4640, 48.3520



117.1300, 26.8310, -51.2570



114.5540, -102.1010, -27.3890

Rectangle

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



125.5120, -64.4700, 34.0420



123.2990, 64.7720, 70.6600



117.1300, 26.8310, -51.2570



102.8920, -72.0190, -54.9550

Sweetspot

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



125.5120, -64.4700, 34.0420



216.2710, -19.3960, 10.1080



199.9520, -89.4430, -47.5470



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.



125.5120, -64.4700, 34.0420



99.4970, -77.3090, 40.9550



118.7320, -25.9620, 63.0460



117.6560, -4.7230, 2.9970



45.8410, -72.5860, 37.9580



15.5140, -24.3940, 12.5820

Inverse Universe

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



139.9340, 89.7640, 47.2360



116.8980, 107.7810, 56.6210



221.2680, 25.9620, -63.0460



119.1150, 7.1060, 3.3780



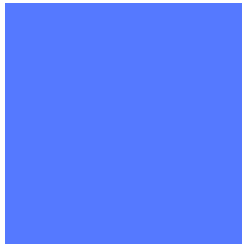
61.7830, 100.6750, 53.2430



20.7320, 33.6500, 17.9220

Previews

White Background



This preview shows how the YIQ color 125.5120, -64.4700, 34.0420 looks on a white background.

Color Contrast Check

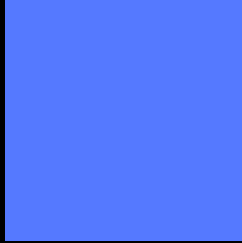
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.5120, -64.4700, 34.0420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

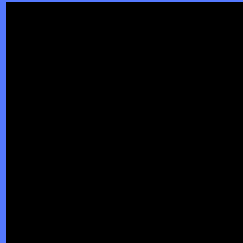
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.5120, -64.4700, 34.0420

Background



This preview shows how black text looks on a background with the YIQ color 125.5120, -64.4700, 34.0420.



This preview shows how white text looks on a background with the YIQ color 125.5120, -64.4700,

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

125.5120, -64.4700, 34.0420

Protanopia

118.2810, -86.1090, 24.2190

Deuteranopia

104.6330, -111.3680, 2.9040



Tritanopia

102.8990, -89.9510, -27.3190

Trichromacy



Original Color

125.5120, -64.4700, 34.0420

Protanomaly

120.6950, -78.4070, 27.8090

Deuteranomaly

112.4660, -94.3600, 14.0560

Tritanomaly

110.9890, -80.5560, -4.8440

Monochromacy



Original Color

125.5120, -64.4700, 34.0420

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.6990, -23.4770, 12.4830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.5120, -64.4700, 34.0420 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(85, 121, 255)` looks like.

```
.text, #text, p{  
    color:rgb(85, 121, 255)  
}
```

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(85, 121, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 121, 255) }
```

Border

The CSS property to change the border of an element to YIQ 125.5120, -64.4700, 34.0420 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(85, 121, 255) }
```


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

```
.border{ border-color:rgb(85, 121, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 121, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 121, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 121, 255);  
box-shadow:4px 4px 4px 4px rgb(85, 121,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 125.5120, -64.4700, 34.0420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 121, 255) }
```

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

```
.background{ background-color: rgb(85, 121,  
255) }
```

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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