

Converting Colors

YIQ(124.7250, -51.5880,
42.8760)

Have a look what the booklet for
YIQ(124.7250, -51.5880, 42.8760)
contains.

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Color

**YIQ(124.7250, -51.5880,
42.8760)**

Conversions

Conversions Part 1

Format	Color
Hex	666FFF
RGB	102, 111, 255
RGB Percent	40%, 44%, 100%
CMY	0.5999, 0.5647, 0.0003
CMYK	0.60, 0.56, 0.00, 0.00
HSL	236°, 100%, 70%
HSV	236°, 60%, 100%
XYZ	29.2034, 21.4104, 97.1331
YIQ	124.7250, -51.5880, 42.8760

Conversions

Conversions Part 2

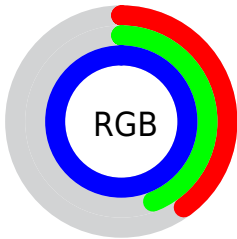
Format	Color
R _Y B	102, 111, 255
Decimal	6713343
CIE _{Lab}	53.40, 38.27, -72.88
CIE _{LCh}	53, 82.320, 297.705
Y _{xy}	21.4104, 0.1977, 0.1449
Android (android.graphics.Color)	4284903423 (0xFF666FFF)
YUV	124.7250, 64.2256, -19.9298
Hunter-Lab	46.2714, 31.6823, -92.0720

Details

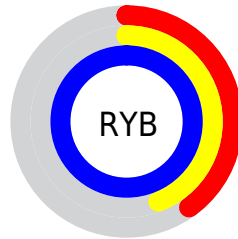
The YIQ color $124.7250, -51.5880, 42.8760$ is a light color, and the websafe version is hex $6666FF$. A complement of this color would be $232.2750, 51.5880, -42.8760$, and the grayscale version is $124.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $174.0860, -28.3400, 29.0360$, and $63.0270, -73.4100, 30.8620$ is the 20% darker color. If you saturate the color by 10%, you get $103.1620, -59.8880, 50.1280$, and if you desaturate by 10%, it is $146.5870, -42.6920, 35.8360$.

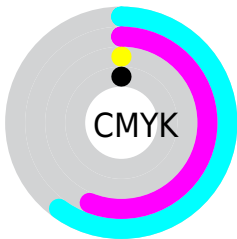
Distribution



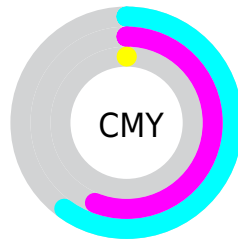
- Red (40%)
- Green (44%)
- Blue (100%)



- Red (40%)
- Yellow (44%)
- Blue (100%)



- Cyan (60%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.7250, -51.5880, 42.8760 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 124.7250, -51.5880, 42.8760 by changing the saturation by 10% instead.

■ 124.7250,
-51.5880, 42.8760

■ 124.7250,
-51.5880, 42.8760

■ 255.0000, -0.0000,
-0.0000

■ 96.8660, -56.5390,
38.9890

■ 174.0860,
-28.3400, 29.0360

■ 63.3260, -72.8140,
31.0740

■ 198.9050,
-17.8850, 21.2750

■ 43.9200, -65.7990,
30.5930

■ 224.6100, -7.1090,
13.2030

■ 29.1020, -51.6320,
32.6560

■ 249.7170, 2.4750,
4.7070

■ 14.2840, -37.4650,
34.7190

■ 13.7820, -30.5400,
24.8520

■ 11.5190, -22.7900,

16.5540

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,
5.6970

■ 124.7250,
-51.5880, 42.8760

■ 124.7250,
-51.5880, 42.8760

■ 103.1620,
-59.8880, 50.1280

■ 146.5870,
-42.6920, 35.8360

■ 81.3000, -68.7840,
57.1680

■ 168.1500,
-34.3920, 28.5840

■ 59.7370, -77.0840,
64.4200

■ 190.0120,
-25.4960, 21.5440

■ 37.8750, -85.9800,
71.4600

■ 211.5750,
-17.1960, 14.2920

■ 233.1380, -8.8960,
7.0400

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.



110.6630, -120.0800, 6.6080



124.7250, -51.5880, 42.8760



124.5810, 37.6750, 71.6510

Triad

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



124.7250, -51.5880, 42.8760



116.8050, 101.3270, -2.6490



105.8390, -81.6950, -44.7910

Complementary

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



124.7250, -51.5880, 42.8760



232.2750, 51.5880, -42.8760

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.



94.1260, -55.6030, -66.1230



124.7250, -51.5880, 42.8760



119.7420, 60.9390, -30.6210

Square

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



124.7250, -51.5880, 42.8760



106.4220, 111.8170, 49.5530



110.2640, 14.5900, -55.1860



114.0470, -104.8070, -22.3990

Rectangle

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



124.7250, -51.5880, 42.8760



107.3000, 81.3670, 83.7910



110.2640, 14.5900, -55.1860



102.4020, -73.3950, -52.0430

Sweetspot

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



124.7250, -51.5880, 42.8760



216.0050, -15.5910, 12.7370



208.1130, -87.9780, -35.5460



103.4800, -9.8590, 7.9730



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.



124.7250, -51.5880, 42.8760



98.4330, -62.0890, 51.4710



139.1760, -9.7770, 61.5750



116.4820, -4.1730, 4.0430



28.2310, -64.3360, 53.6480



9.6440, -21.6440, 17.8120

Inverse Universe

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



148.7730, 88.2990, 35.2350



127.2700, 106.1330, 42.4290



217.8240, 9.7770, -61.5750



118.8870, 7.7480, 2.7560



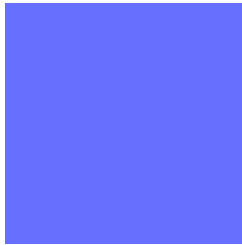
58.3630, 110.3050, 43.9130



19.5920, 36.8600, 14.8120

Previews

White Background



This preview shows how the YIQ color 124.7250, -51.5880, 42.8760 looks on a white background.

Color Contrast Check

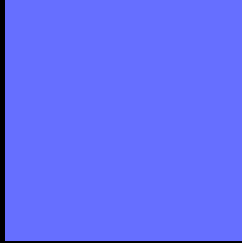
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.7250, -51.5880, 42.8760 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 124.7250, -51.5880, 42.8760

Background



This preview shows how black text looks on a background with the YIQ color 124.7250, -51.5880, 42.8760.



This preview shows how white text looks on a background with the YIQ color 124.7250, -51.5880,

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

124.7250, -51.5880, 42.8760

Protanopia

110.5510, -95.7370, 22.4950

Deuteranopia

101.9600, -107.9750, 1.9850



Tritanopia

114.8390, -54.1910, -14.5990

Trichromacy



Original Color

124.7250, -51.5880, 42.8760

Protanomaly

115.6780, -79.7370, 29.8870

Deuteranomaly

110.1680, -87.5290, 16.9110

Tritanomaly

118.3840, -53.5070, 6.0530

Monochromacy



Original Color

124.7250, -51.5880, 42.8760

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.0310, -18.4800, 15.5360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.7250, -51.5880, 42.8760 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(102, 111, 255)` looks like.

```
.text, #text, p{  
    color:rgb(102, 111, 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(102, 111, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 111, 255) }
```

Border

The CSS property to change the border of an element to YIQ 124.7250, -51.5880, 42.8760 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(102, 111, 255) }
```


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

```
.border{ border-color:rgb(102, 111, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 111, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 111, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 111, 255);  
box-shadow:4px 4px 4px 4px rgb(102, 111,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 124.7250, -51.5880, 42.8760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 111, 255) }
```

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

```
.background{ background-color: rgb(102,  
111, 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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