

Converting Colors

YIQ(128.9220, -50.9450,
36.7270)

Have a look what the booklet for
YIQ(128.9220, -50.9450, 36.7270)
contains.

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Color

**YIQ(128.9220, -50.9450,
36.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	6777F8
RGB	103, 119, 248
RGB Percent	40%, 47%, 97%
CMY	0.5960, 0.5333, 0.0278
CMYK	0.58, 0.52, 0.00, 0.03
HSL	233°, 91%, 69%
HSV	233°, 58%, 97%
XYZ	29.1237, 22.8521, 91.6202
YIQ	128.9220, -50.9450, 36.7270

Conversions

Conversions Part 2

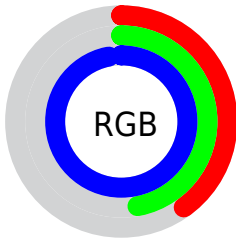
Format	Color
R_{YB}	103, 117, 248
Decimal	6780920
CIE _{Lab}	54.92, 31.40, -66.54
CIE _{LCh}	55, 73.577, 295.260
Yxy	22.8521, 0.2028, 0.1591
Android (android.graphics.Color)	4284971000 (0xFF6777F8)
YUV	128.9220, 58.7055, -22.7336
Hunter-Lab	47.8038, 25.0916, -80.1717

Details

The YIQ color $128.9220, -50.9450, 36.7270$ is a light color, and the websafe version is hex $6666CC$. A complement of this color would be $222.0780, 50.9450, -36.7270$, and the grayscale version is $128.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $178.4830, -31.1360, 24.6400$, and $70.9260, -65.9360, 27.5680$ is the 20% darker color. If you saturate the color by 10%, you get $108.5330, -59.7950, 42.9330$, and if you desaturate by 10%, it is $149.3110, -42.0950, 30.5210$.

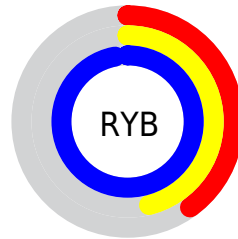
Distribution



Red (40%)

Green (47%)

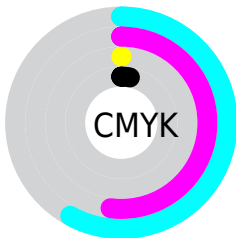
Blue (97%)



Red (40%)

Yellow (46%)

Blue (97%)

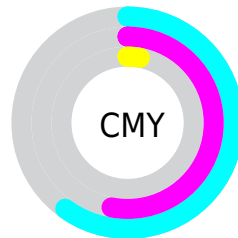


Cyan (58%)

Magenta (52%)

Yellow (0%)

Black (3%)



Cyan (60%)

Magenta (53%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.9220, -50.9450, 36.7270 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 128.9220, -50.9450, 36.7270 by changing the saturation by 10% instead.

■ 128.9220,
-50.9450, 36.7270

■ 128.9220,
-50.9450, 36.7270

■ 255.0000, -0.0000,
-0.0000

■ 101.0740,
-54.4290, 33.7870

■ 178.4830,
-31.1360, 24.6400

■ 70.9260, -65.9360,
27.5680

■ 203.6010,
-20.0850, 17.0910

■ 47.3450, -65.7980,
25.0660

■ 229.0070, -9.9050,
8.8070

■ 32.5270, -51.6310,
27.1290

■ 18.4100, -38.0600,
28.9800

■ 11.9240, -28.0640,
24.0320

■ 10.3620, -20.9100,

15.5220

■ 5.5060, -12.7480,
10.7720

■ 2.1830, -4.7690,
3.8310

■ 128.9220,
-50.9450, 36.7270

■ 128.9220,
-50.9450, 36.7270

■ 108.5330,
-59.7950, 42.9330

■ 149.3110,
-42.0950, 30.5210

■ 88.1440, -68.6450,
49.1390

■ 169.7000,
-33.2450, 24.3150

■ 68.0540, -76.8990,
55.5570

■ 189.7900,
-24.9910, 17.8970

■ 47.6650, -85.7490,
61.7630

■ 210.1790,
-16.1410, 11.6910

■ 44.1210, -87.0330,
63.0070

■ 230.5680, -7.2910,
5.4850

■ 250.9570, 1.5590,
-0.7210

■ 254.2020, 2.2470,
-2.1770

Harmonies

Analogous

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



113.0110, -121.1800, 4.5160



128.9220, -50.9450, 36.7270



132.7550, 27.9570, 60.5410

Triad

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



128.9220, -50.9450, 36.7270



122.4500, 95.1370, -0.5990



106.8990, -81.9240, -46.1480

Complementary

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



128.9220, -50.9450, 36.7270



222.0780, 50.9450, -36.7270

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.



96.3260, -59.0420, -64.3700



128.9220, -50.9450, 36.7270



123.3080, 65.1570, -29.9710

Square

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



128.9220, -50.9450, 36.7270



119.1490, 99.1640, 42.0760



116.2220, 23.5760, -52.8400



114.3090, -102.7890, -25.9330

Rectangle

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



128.9220, -50.9450, 36.7270



124.0770, 65.2770, 67.0130



116.2220, 23.5760, -52.8400



103.8040, -74.5870, -52.4670

Sweetspot

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



128.9220, -50.9450, 36.7270



217.1790, -16.1410, 11.6910



202.7070, -80.9630, -36.0270



104.6540, -10.4090, 6.9270



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.



128.9220, -50.9450, 36.7270



108.4450, -62.3630, 45.4210



136.2740, -13.1690, 56.9670



114.6560, -4.7230, 2.9970



33.8730, -66.4440, 47.7960



11.0630, -21.5060, 15.3100

Inverse Universe

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



148.1790, 81.2840, 35.7160



132.3880, 99.9890, 43.6450



214.7260, 13.1690, -56.9670



116.1150, 7.1060, 3.3780



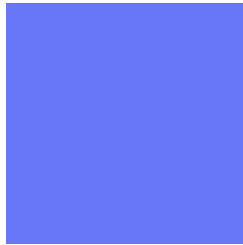
58.9050, 105.9030, 46.5990



19.0370, 34.1090, 15.1090

Previews

White Background



This preview shows how the YIQ color 128.9220, -50.9450, 36.7270 looks on a white background.

Color Contrast Check

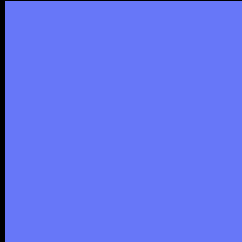
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.9220, -50.9450, 36.7270 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 128.9220, -50.9450, 36.7270

Background



This preview shows how black text looks on a background with the YIQ color 128.9220, -50.9450, 36.7270.



This preview shows how white text looks on a background with the YIQ color 128.9220, -50.9450,

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

128.9220, -50.9450, 36.7270

Protanopia

118.8790, -84.9170, 24.6430

Deuteranopia

104.8610, -112.0100, 3.5260



Tritanopia

119.7470, -50.9360, -13.0160

Trichromacy



Original Color

128.9220, -50.9450, 36.7270

Protanomaly

122.1580, -72.4010, 29.0950

Deuteranomaly

113.5590, -90.1880, 15.5400

Tritanomaly

123.4120, -50.7100, 4.9220

Monochromacy



Original Color

128.9220, -50.9450, 36.7270

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.8630, -18.0670, 13.5570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.9220, -50.9450, 36.7270 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(103, 119, 248)` looks like.

```
.text, #text, p{  
    color:rgb(103, 119, 248)  
}
```

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(103, 119, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 119, 248) }
```

Border

The CSS property to change the border of an element to YIQ 128.9220, -50.9450, 36.7270 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(103, 119, 248) }
```


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

```
.border{ border-color:rgb(103, 119, 248) }
```

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

Here you see how a box with a 4 pixel rgb(103, 119, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 119, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 119, 248);  
box-shadow:4px 4px 4px 4px rgb(103, 119,  
248) }
```

Background

The CSS property to change the background color of an element to YIQ 128.9220, -50.9450, 36.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 119, 248) }
```

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

```
.background{ background-color: rgb(103,  
119, 248) }
```

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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