

Converting Colors

YIQ(130.4950, -48.6050,
27.3550)

Have a look what the booklet for
YIQ(130.4950, -48.6050, 27.3550)
contains.

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Color

**YIQ(130.4950, -48.6050,
27.3550)**

Conversions

Conversions Part 1

Format	Color
Hex	657EE7
RGB	101, 126, 231
RGB Percent	40%, 49%, 91%
CMY	0.6039, 0.5058, 0.0944
CMYK	0.56, 0.45, 0.00, 0.09
HSL	228°, 73%, 65%
HSV	228°, 56%, 91%
XYZ	27.2432, 23.4568, 78.6413
YIQ	130.4950, -48.6050, 27.3550

Conversions

Conversions Part 2

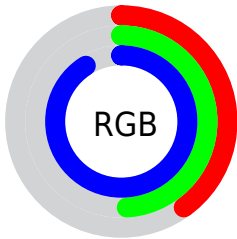
Format	Color
RYB	101, 122, 231
Decimal	6651623
CIELab	55.54, 21.31, -56.10
CIELCh	56, 60.009, 290.797
Yxy	23.4568, 0.2106, 0.1814
Android (android.graphics.Color)	4284841703 (0xFF657EE7)
YUV	130.4950, 49.5490, -25.8671
Hunter-Lab	48.4322, 15.6499, -62.3688

Details

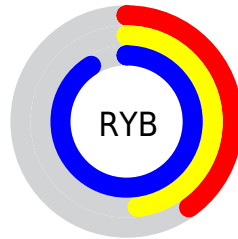
The YIQ color $130.4950, -48.6050, 27.3550$ is a light color, and the websafe version is hex $6666CC$. A complement of this color would be $201.5050, 48.6050, -27.3550$, and the grayscale version is $130.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $181.3960, -35.4450, 20.1310$, and $75.0050, -59.1490, 20.2030$ is the 20% darker color. If you saturate the color by 10%, you get $112.4650, -57.0880, 32.4160$, and if you desaturate by 10%, it is $148.5250, -40.1220, 22.2940$.

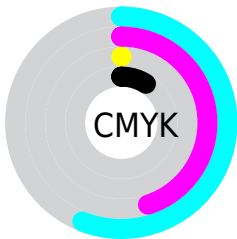
Distribution



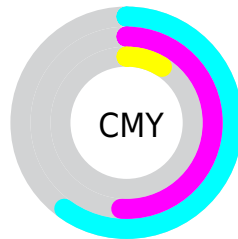
- Red (40%)
- Green (49%)
- Blue (91%)



- Red (40%)
- Yellow (48%)
- Blue (91%)



- Cyan (56%)
- Magenta (45%)
- Yellow (0%)
- Black (9%)



- Cyan (60%)
- Magenta (51%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.4950, -48.6050, 27.3550 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 130.4950, -48.6050, 27.3550 by changing the saturation by 10% instead.

■ 130.4950,
-48.6050, 27.3550

■ 130.4950,
-48.6050, 27.3550

■ 255.0000, -0.0000,
-0.0000

■ 103.2450,
-50.8970, 24.8390

■ 181.3960,
-35.4450, 20.1310

■ 75.0050, -59.1490,
20.2030

■ 206.8020,
-25.2650, 11.8470

■ 49.0430, -62.3120,
16.9520

■ 231.9090,
-15.6810, 3.3510

■ 34.3390, -48.4660,
19.3260

■ 253.5050, -2.9800,
-1.0600

■ 20.3360, -35.2160,
21.4880

■ 12.2030, -24.7160,
18.4200

■ 7.8200, -16.5080,

12.8360

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 130.4950,
-48.6050, 27.3550

■ 130.4950,
-48.6050, 27.3550

■ 112.4650,
-57.0880, 32.4160

■ 148.5250,
-40.1220, 22.2940

■ 95.0220, -65.8460,
36.9540

■ 165.9680,
-31.3640, 17.7560

■ 76.9920, -74.3290,
42.0150

■ 183.9980,
-22.8810, 12.6950

■ 58.9620, -82.8120,
47.0760

■ 202.0280,
-14.3980, 7.6340

■ 52.1620, -86.2510,
48.8290

■ 219.4710, -5.6400,
3.0960

■ 237.8000, 3.4390,
-1.7530

■ 252.2640, 7.7040,
-7.4640

Harmonies

Analogous

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



111.4320, -115.3560, -1.9160



130.4950, -48.6050, 27.3550



137.0810, 14.7550, 46.4910

Triad

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



130.4950, -48.6050, 27.3550



128.6950, 78.6300, 6.7100



104.6820, -79.8150, -45.8230

Complementary

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



130.4950, -48.6050, 27.3550



201.5050, 48.6050, -27.3550

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.



112.5630, -28.3720, -47.5080



130.4950, -48.6050, 27.3550



126.1710, 64.2850, -25.1790

Square

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



130.4950, -48.6050, 27.3550



128.1680, 79.8170, 34.7690



121.8950, 29.3510, -41.8570



111.4250, -97.4240, -29.5520

Rectangle

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



130.4950, -48.6050, 27.3550



133.2990, 46.4360, 50.5320



121.8950, 29.3510, -41.8570



102.0430, -73.7620, -50.8980

Sweetspot

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



130.4950, -48.6050, 27.3550



221.5980, -16.0030, 9.1890



189.1660, -69.1340, -35.6460



107.8990, -9.7210, 5.4710



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.



130.4950, -48.6050, 27.3550



121.0930, -64.6080, 36.5440



127.4810, -18.4860, 48.6980



105.5420, -4.4020, 2.6860



40.3640, -66.8090, 37.8870



11.6840, -19.1210, 10.6310

Inverse Universe

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



142.7200, 69.4550, 35.3350



137.4890, 92.5150, 46.9390



204.5190, 18.4860, -48.6980



106.8160, 6.5100, 3.1660



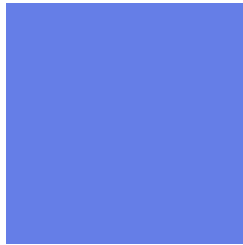
57.3970, 95.7700, 48.5220



16.3890, 27.1860, 13.9220

Previews

White Background



This preview shows how the YIQ color 130.4950, -48.6050, 27.3550 looks on a white background.

Color Contrast Check

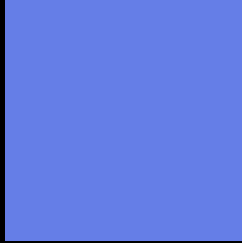
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.4950, -48.6050, 27.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

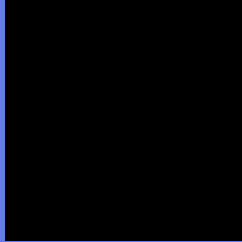
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.4950, -48.6050, 27.3550

Background



This preview shows how black text looks on a background with the YIQ color 130.4950, -48.6050, 27.3550.



This preview shows how white text looks on a background with the YIQ color 130.4950, -48.6050,

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

130.4950, -48.6050, 27.3550

Protanopia

127.5150, -60.5250, 23.1150

Deuteranopia

121.8070, -76.3870, 13.2210



Tritanopia

123.1390, -46.1680, -11.3200

Trichromacy



Original Color

130.4950, -48.6050, 27.3550

Protanomaly

128.6080, -56.3530, 24.5990

Deuteranomaly

124.9440, -66.3470, 18.4930

Tritanomaly

126.0980, -46.9500, 2.8580

Monochromacy



Original Color

130.4950, -48.6050, 27.3550

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.3420, -18.1580, 9.6980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.4950, -48.6050, 27.3550 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(101, 126, 231)` looks like.

```
.text, #text, p{  
    color:rgb(101, 126, 231)  
}
```

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(101, 126, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 126, 231) }
```

Border

The CSS property to change the border of an element to YIQ 130.4950, -48.6050, 27.3550 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(101, 126, 231) }
```


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

```
.border{ border-color:rgb(101, 126, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 126, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 126, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 126, 231);  
box-shadow:4px 4px 4px 4px rgb(101, 126,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 130.4950, -48.6050, 27.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 126, 231) }
```

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

```
.background{ background-color: rgb(101,  
126, 231) }
```

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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