

Converting Colors

YIQ(146.2190, -48.0080,
22.0400)

Have a look what the booklet for
YIQ(146.2190, -48.0080, 22.0400)
contains.

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Color

**YIQ(146.2190, -48.0080,
22.0400)**

Conversions

Conversions Part 1

Format	Color
Hex	7291ED
RGB	114, 145, 237
RGB Percent	45%, 57%, 93%
CMY	0.5529, 0.4313, 0.0708
CMYK	0.52, 0.39, 0.00, 0.07
HSL	225°, 77%, 69%
HSV	225°, 52%, 93%
XYZ	32.3426, 29.9425, 84.1445
YIQ	146.2190, -48.0080, 22.0400

Conversions

Conversions Part 2

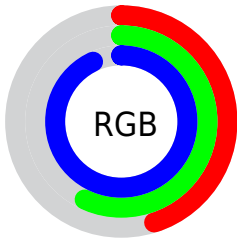
Format	Color
RYB	114, 139, 237
Decimal	7508461
CIELab	61.60, 14.57, -49.73
CIELCh	62, 51.824, 286.328
Yxy	29.9425, 0.2209, 0.2045
Android (android.graphics.Color)	4285698541 (0xFF7291ED)
YUV	146.2190, 44.7550, -28.2561
Hunter-Lab	54.7197, 9.7445, -52.8685

Details

The YIQ color $146.2190, -48.0080, 22.0400$ is a light color, and the websafe version is hex $6699FF$. A complement of this color would be $204.7810, 48.0080, -22.0400$, and the grayscale version is $146.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $197.3110, -34.0680, 11.6920$, and $91.9470, -53.2340, 17.6300$ is the 20% darker color. If you saturate the color by 10%, you get $128.4770, -57.3620, 26.3660$, and if you desaturate by 10%, it is $163.9610, -38.6540, 17.7140$.

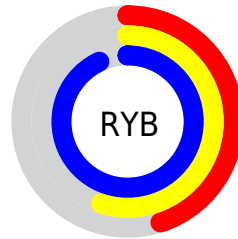
Distribution



Red (45%)

Green (57%)

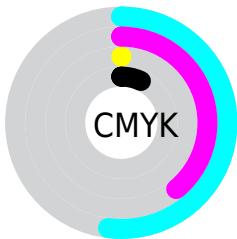
Blue (93%)



Red (45%)

Yellow (55%)

Blue (93%)

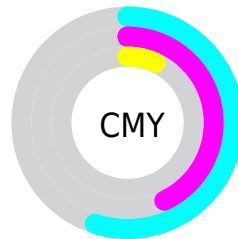


Cyan (52%)

Magenta (39%)

Yellow (0%)

Black (7%)



Cyan (55%)

Magenta (43%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.2190, -48.0080, 22.0400 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 146.2190, -48.0080, 22.0400 by changing the saturation by 10% instead.

■ 146.2190,
-48.0080, 22.0400

■ 146.2190,
-48.0080, 22.0400

■ 255.0000, -0.0000,
-0.0000

■ 119.2680,
-49.7040, 19.7360

■ 197.3110,
-34.0680, 11.6920

■ 91.8330, -52.9130,
17.3190

■ 221.8310,
-24.2090, 3.7190

■ 59.7060, -68.9130,
9.9270

■ 247.8240,
-14.3040, -5.0880

■ 43.8280, -54.5170,
13.3470

■ 29.1240, -40.6710,
15.7210

■ 11.1260, -25.8170,
21.8550

■ 8.9770, -18.3880,

13.8680

■ 4.7080, -10.5010,
8.5950

■ 0.2280, -0.6420,
0.6220

■ 146.2190,
-48.0080, 22.0400

■ 146.2190,
-48.0080, 22.0400

■ 128.4770,
-57.3620, 26.3660

■ 163.9610,
-38.6540, 17.7140

■ 111.6210,
-66.3950, 30.3810

■ 180.8170,
-29.6210, 13.6990

■ 93.8790, -75.7490,
34.7070

■ 198.5590,
-20.2670, 9.3730

■ 76.1370, -85.1030,
39.0330

■ 216.3010,
-10.9130, 5.0470

■ 62.2380, -92.5770,
42.3270

■ 233.7440, -2.1550,
0.5090

■ 250.6000, 6.8780,
-3.5060

■ 252.9480, 5.7780,
-5.5980

Harmonies

Analogous

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



121.0520, -120.3980, -9.6620



146.2190, -48.0080, 22.0400



153.2600, 6.6410, 39.3530

Triad

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



146.2190, -48.0080, 22.0400



146.9810, 72.0730, 9.9050



114.1540, -87.1960, -49.7240

Complementary

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



146.2190, -48.0080, 22.0400



204.7810, 48.0080, -22.0400

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.



135.6190, -13.6100, -39.7060



146.2190, -48.0080, 22.0400



145.3850, 58.2310, -14.5770

Square

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



146.2190, -48.0080, 22.0400



148.1990, 69.3640, 31.4760



141.5180, 29.3950, -31.6370



120.6860, -102.8330, -36.1530

Rectangle

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



146.2190, -48.0080, 22.0400



152.5100, 35.2960, 43.1680



141.5180, 29.3950, -31.6370



124.6000, -56.1570, -45.0610

Sweetspot

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



146.2190, -48.0080, 22.0400



224.5440, -15.9110, 7.5210



196.4610, -62.7150, -36.3390



109.3720, -9.6750, 4.6370



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.



146.2190, -48.0080, 22.0400



138.4920, -61.7180, 28.2180



136.6930, -22.1990, 44.4010



109.0150, -4.3560, 1.8520



47.6360, -70.7510, 32.2330



14.3740, -21.1840, 9.4720

Inverse Universe

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



154.3110, 63.3570, 35.7170



148.8020, 81.3280, 45.9360



214.3070, 22.1990, -44.4010



109.6310, 5.5930, 3.2650



59.3630, 93.1100, 52.6780



17.7420, 27.6900, 15.8020

Previews

White Background



This preview shows how the YIQ color 146.2190, -48.0080, 22.0400 looks on a white background.

Color Contrast Check

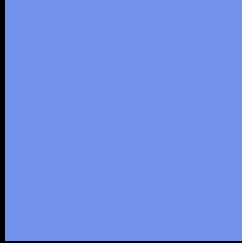
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.2190, -48.0080, 22.0400 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 146.2190, -48.0080, 22.0400

Background



This preview shows how black text looks on a background with the YIQ color 146.2190, -48.0080, 22.0400.



This preview shows how white text looks on a background with the YIQ color 146.2190, -48.0080,

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

146.2190, -48.0080, 22.0400

Protanopia

145.9200, -48.6040, 21.8280

Deuteranopia

143.0820, -58.0480, 16.7680



Tritanopia

140.4490, -44.1050, -10.1610

Trichromacy



Original Color

146.2190, -48.0080, 22.0400

Protanomaly

145.9200, -48.6040, 21.8280

Deuteranomaly

144.2890, -54.1970, 18.5630

Tritanomaly

142.6420, -45.6660, 1.6140

Monochromacy



Original Color

146.2190, -48.0080, 22.0400

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.1740, -17.7450, 7.7190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.2190, -48.0080, 22.0400 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(114, 145, 237)` looks like.

```
.text, #text, p{  
    color:rgb(114, 145, 237)  
}
```

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(114, 145, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 145, 237) }
```

Border

The CSS property to change the border of an element to YIQ 146.2190, -48.0080, 22.0400 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(114, 145, 237) }
```


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

```
.border{ border-color:rgb(114, 145, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 145, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 145, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 145, 237);  
box-shadow:4px 4px 4px 4px rgb(114, 145,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 146.2190, -48.0080, 22.0400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 145, 237) }
```

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

```
.background{ background-color: rgb(114,  
145, 237) }
```

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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