

Converting Colors

YIQ(112.5570, -60.3430,
30.8330)

Have a look what the booklet for
YIQ(112.5570, -60.3430, 30.8330)
contains.

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Color

**YIQ(112.5570, -60.3430,
30.8330)**

Conversions

Conversions Part 1

Format	Color
Hex	4A6DE8
RGB	74, 109, 232
RGB Percent	29%, 43%, 91%
CMY	0.7098, 0.5725, 0.0905
CMYK	0.68, 0.53, 0.00, 0.09
HSL	227°, 77%, 60%
HSV	227°, 68%, 91%
XYZ	22.8475, 18.2176, 78.5925
YIQ	112.5570, -60.3430, 30.8330

Conversions

Conversions Part 2

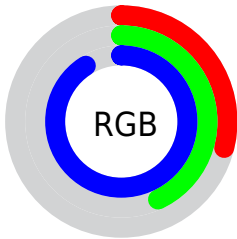
Format	Color
R _{YB}	74, 103, 232
Decimal	4877800
CIE Lab	49.76, 27.44, -66.03
CIE LCh	50, 71.505, 292.569
Yxy	18.2176, 0.1909, 0.1522
Android (android.graphics.Color)	4283067880 (0xFF4A6DE8)
YUV	112.5570, 58.8854, -33.8145
Hunter-Lab	42.6821, 20.8565, -79.2960

Details

The YIQ color **112.5570, -60.3430, 30.8330** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **193.4430, 60.3430, -30.8330**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.5510, -43.0110, 25.0930**, and **56.3440, -73.2250, 21.9990** is the 20% darker color. If you saturate the color by 10%, you get **95.1140, -69.1010, 35.3710**, and if you desaturate by 10%, it is **130.0000, -51.5850, 26.2950**.

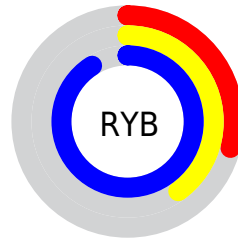
Distribution



Red (29%)

Green (43%)

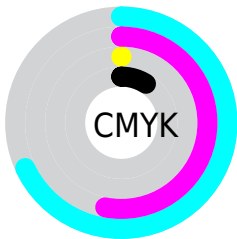
Blue (91%)



Red (29%)

Yellow (40%)

Blue (91%)

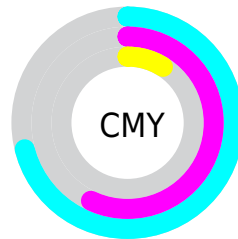


Cyan (68%)

Magenta (53%)

Yellow (0%)

Black (9%)



Cyan (71%)

Magenta (57%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.5570, -60.3430, 30.8330 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 112.5570, -60.3430, 30.8330 by changing the saturation by 10% instead.

■ 112.5570,
-60.3430, 30.8330

■ 112.5570,
-60.3430, 30.8330

■ 255.0000, -0.0000,
-0.0000

■ 82.0070, -70.6580,
25.0380

■ 164.5510,
-43.0110, 25.0930

■ 56.3440, -73.2250,
21.9990

■ 189.3700,
-32.5560, 17.3320

■ 40.9390, -58.7830,
24.5850

■ 215.0750,
-21.7800, 9.2600

■ 27.2950, -45.1660,
25.6020

■ 240.4810,
-11.6000, 0.9760

■ 10.9440, -30.8160,
29.8560

■ 12.7900, -24.9910,
17.8970

■ 7.8200, -16.5080,

12.8360

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 112.5570,
-60.3430, 30.8330

■ 112.5570,
-60.3430, 30.8330

■ 95.1140, -69.1010,
35.3710

■ 130.0000,
-51.5850, 26.2950

■ 77.6710, -77.8590,
39.9090

■ 147.4430,
-42.8270, 21.7570

■ 59.9290, -87.2130,
44.2350

■ 165.1850,
-33.4730, 17.4310

■ 56.3850, -88.4970,
45.4790

■ 182.6280,
-24.7150, 12.8930

■ 200.0710,
-15.9570, 8.3550

■ 217.5140, -7.1990,
3.8170

■ 234.9570, 1.5590,
-0.7210

■ 251.2040, 7.9330,
-6.1070

■ 252.3780, 7.3830,
-7.1530

Harmonies

Analogous

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



104.2570, -113.0650, 6.1270



112.5570, -60.3430, 30.8330



119.5260, 21.1720, 56.8520

Triad

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



112.5570, -60.3430, 30.8330



109.0030, 92.2020, 3.0340



96.0420, -72.0210, -43.9010

Complementary

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



112.5570, -60.3430, 30.8330



193.4430, 60.3430, -30.8330

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.



85.5830, -49.4600, -61.8120



112.5570, -60.3430, 30.8330



111.2140, 62.7260, -24.4580

Square

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



112.5570, -60.3430, 30.8330



103.8050, 94.4410, 45.0730



105.6230, 24.1250, -46.2670



103.8110, -92.5190, -24.8310

Rectangle

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



112.5570, -60.3430, 30.8330



110.7880, 58.7210, 64.6810



105.6230, 24.1250, -46.2670



92.9470, -64.6840, -50.2200

Sweetspot

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



112.5570, -60.3430, 30.8330



216.2710, -19.3960, 10.1080



180.5400, -82.2910, -45.0030



104.6430, -11.8760, 5.9800



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.



112.5570, -60.3430, 30.8330



96.8280, -79.7390, 40.9410



104.5700, -25.6860, 58.0420



106.1290, -4.6770, 2.1630



43.8860, -68.4590, 34.7490



12.2710, -19.3960, 10.1080

Inverse Universe

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



125.2320, 82.9330, 44.3810



113.7350, 109.7980, 58.6140



201.4300, 25.6860, -58.0420



106.9300, 6.1890, 3.4770



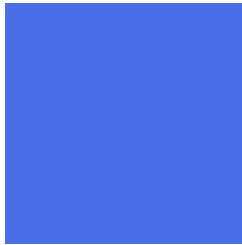
58.0810, 93.8440, 50.3880



16.5030, 26.8650, 14.2330

Previews

White Background



This preview shows how the YIQ color 112.5570, -60.3430, 30.8330 looks on a white 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

Black Background



This preview shows how the YIQ color 112.5570, -60.3430, 30.8330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

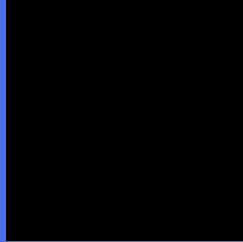
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 112.5570, -60.3430, 30.8330

Background



This preview shows how black text looks on a background with the YIQ color 112.5570, -60.3430, 30.8330.



This preview shows how white text looks on a background with the YIQ color 112.5570, -60.3430, 30.8330.

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

112.5570, -60.3430, 30.8330

Protanopia

102.6180, -88.6760, 21.1800

Deuteranopia

94.2660, -100.0890, 2.2390



Tritanopia

92.9710, -81.2860, -24.6620

Trichromacy



Original Color

112.5570, -60.3430, 30.8330

Protanomaly

106.5870, -78.2230, 24.4730

Deuteranomaly

100.9030, -85.4650, 12.5430

Tritanomaly

100.1100, -73.5870, -4.4910

Monochromacy



Original Color

112.5570, -60.3430, 30.8330

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.1290, -21.8720, 10.9280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.5570, -60.3430, 30.8330 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(74, 109, 232)` looks like.

```
.text, #text, p{  
    color:rgb(74, 109, 232)  
}
```

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(74, 109, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 109, 232) }
```

Border

The CSS property to change the border of an element to YIQ 112.5570, -60.3430, 30.8330 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(74, 109, 232) }
```


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

```
.border{ border-color:rgb(74, 109, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 109, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 109, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 109, 232);  
box-shadow:4px 4px 4px 4px rgb(74, 109,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 112.5570, -60.3430, 30.8330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 109, 232) }
```

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

```
.background{ background-color: rgb(74, 109,  
232) }
```

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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