

Converting Colors

YIQ(132.0490, -62.4490,
13.9270)

Have a look what the booklet for
YIQ(132.0490, -62.4490, 13.9270)
contains.

YIQ(132.0490, -62.4490, 13.9270)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(132.0490, -62.4490,
13.9270)**

Conversions

Conversions Part 1

Format	Color
Hex	518CE1
RGB	81, 140, 225
RGB Percent	32%, 55%, 88%
CMY	0.6824, 0.4509, 0.1180
CMYK	0.64, 0.38, 0.00, 0.12
HSL	215°, 71%, 60%
HSV	215°, 64%, 88%
XYZ	26.3529, 25.9437, 74.7957
YIQ	132.0490, -62.4490, 13.9270

Conversions

Conversions Part 2

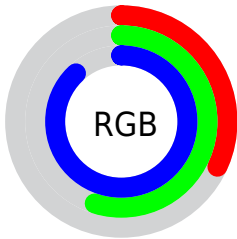
Format	Color
R _Y B	81, 123, 225
Decimal	5344481
CIE Lab	57.98, 7.14, -48.91
CIE LCh	58, 49.430, 278.308
Yxy	25.9437, 0.2074, 0.2041
Android (android.graphics.Color)	4283534561 (0xFF518CE1)
YUV	132.0490, 45.8248, -44.7700
Hunter-Lab	50.9350, 3.2166, -51.4102

Details

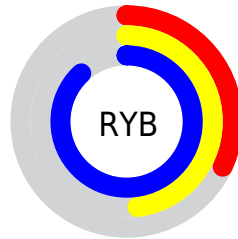
The YIQ color **132.0490, -62.4490, 13.9270** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **173.9510, 62.4490, -13.9270**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.8190, -50.2980, 8.4700**, and **72.6830, -79.2740, 4.9660** is the 20% darker color. If you saturate the color by 10%, you get **117.5410, -72.5820, 15.8500**, and if you desaturate by 10%, it is **146.2580, -52.9120, 11.7920**.

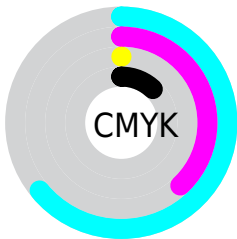
Distribution



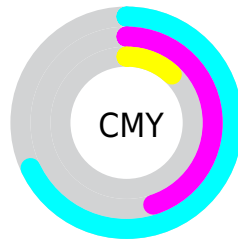
- Red (32%)
- Green (55%)
- Blue (88%)



- Red (32%)
- Yellow (48%)
- Blue (88%)



- Cyan (64%)
- Magenta (38%)
- Yellow (0%)
- Black (12%)



- Cyan (68%)
- Magenta (45%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.0490, -62.4490, 13.9270 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 132.0490, -62.4490, 13.9270 by changing the saturation by 10% instead.

■ 132.0490,
-62.4490, 13.9270

■ 132.0490,
-62.4490, 13.9270

■ 255.0000, -0.0000,
-0.0000

■ 103.4180,
-68.0420, 10.6620

■ 184.8190,
-50.2980, 8.4700

■ 72.6830, -79.2740,
4.9660

■ 210.2250,
-40.1180, 0.1860

■ 56.1040, -64.2820,
8.5980

■ 235.6310,
-29.9380, -8.0980

■ 40.2260, -49.8860,
12.0180

■ 248.1230,
-13.7080, -4.8760

■ 26.2230, -36.6360,
14.1800

■ 11.7470, -23.4320,
17.1760

■ 6.7770, -14.9490,

12.1150

■ 3.0950, -7.3370,
6.3190

■ 0.0000, 0.0000,
0.0000

■ 132.0490,
-62.4490, 13.9270

■ 132.0490,
-62.4490, 13.9270

■ 117.5410,
-72.5820, 15.8500

■ 146.2580,
-52.9120, 11.7920

■ 102.7450,
-81.8440, 18.5080

■ 161.3530,
-43.0540, 9.3460

■ 88.5360, -91.3810,
20.6430

■ 175.5620,
-33.5170, 7.2110

■ 79.6540, -97.5250,
21.8590

■ 190.0700,
-23.3840, 5.2880

■ 204.2790,
-13.8470, 3.1530

■ 219.3740, -3.9890,
0.7070

■ 233.5830, 5.5480,
-1.4280

■ 246.2970, 12.1050,
-4.6230

■ 251.5800, 9.6300,
-9.3300

Harmonies

Analogous

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



114.1900, -112.0990, -11.3870



132.0490, -62.4490, 13.9270



143.0410, -6.1040, 33.5440

Triad

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



132.0490, -62.4490, 13.9270



138.2890, 68.4500, 14.9940



114.0990, -59.0000, -43.0960

Complementary

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



132.0490, -62.4490, 13.9270



173.9510, 62.4490, -13.9270

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.



128.6700, -0.4520, -35.8760



132.0490, -62.4490, 13.9270



136.9710, 59.6970, -8.1030

Square

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



132.0490, -62.4490, 13.9270



139.4740, 61.3400, 33.7240



133.6870, 36.4090, -26.5910



111.6070, -92.4250, -37.5530

Rectangle

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



132.0490, -62.4490, 13.9270



143.6440, 23.0550, 39.2390



133.6870, 36.4090, -26.5910



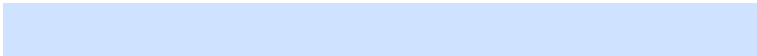
122.0820, -33.9670, -39.7190

Sweetspot

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



132.0490, -62.4490, 13.9270



223.6250, -20.6330, 4.9910



175.1040, -66.5640, -49.1880



108.4640, -12.9300, 3.0540



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.



132.0490, -62.4490, 13.9270



128.3040, -84.9160, 19.1160



101.0040, -39.0720, 47.3280



105.1890, -4.9060, 0.8060



62.3280, -76.2960, 17.0800



17.2120, -20.9080, 4.4680

Inverse Universe

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



130.7820, 66.8850, 48.8770



126.7240, 91.1360, 66.4320



204.9960, 39.0720, -47.3280



104.8590, 4.9510, 3.8870



60.8320, 81.7840, 59.7040



16.6320, 22.1880, 16.3960

Previews

White Background



This preview shows how the YIQ color 132.0490, -62.4490, 13.9270 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 132.0490, -62.4490, 13.9270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

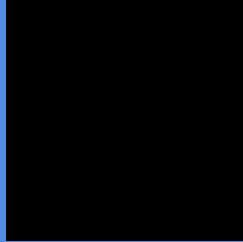
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

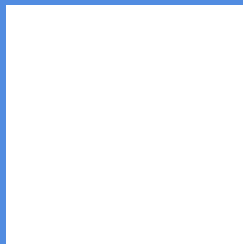
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 132.0490, -62.4490, 13.9270

Background



This preview shows how black text looks on a background with the YIQ color 132.0490, -62.4490, 13.9270.

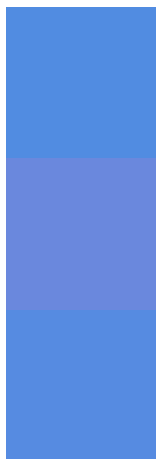


This preview shows how white text looks on a background with the YIQ color 132.0490, -62.4490, 13.9270.

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

132.0490, -62.4490, 13.9270

Protanopia

136.7200, -45.1650, 20.0750

Deuteranopia

132.9570, -59.1940, 15.5100



Tritanopia

122.3860, -66.1570, -18.0050

Trichromacy



Original Color

132.0490, -62.4490, 13.9270

Protanomaly

134.7300, -51.1250, 17.9550

Deuteranomaly

132.3590, -60.3860, 15.0860

Tritanomaly

126.1340, -64.9670, -6.5270

Monochromacy



Original Color

132.0490, -62.4490, 13.9270

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

131.9560, -23.0630, 4.9770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.0490, -62.4490, 13.9270 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(81, 140, 225)` looks like.

```
.text, #text, p{  
    color:rgb(81, 140, 225)  
}
```

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(81, 140, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 140, 225) }
```

Border

The CSS property to change the border of an element to YIQ 132.0490, -62.4490, 13.9270 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(81, 140, 225) }
```


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

```
.border{ border-color:rgb(81, 140, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 140, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 140, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 140, 225);  
box-shadow:4px 4px 4px 4px rgb(81, 140,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 132.0490, -62.4490, 13.9270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 140, 225) }
```

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

```
.background{ background-color: rgb(81, 140,  
225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor