

Converting Colors

YIQ(132.1090, -54.6510,
-6.2590)

Have a look what the booklet for
YIQ(132.1090, -54.6510, -6.2590)
contains.

YIQ(132.1090, -54.6510, -6.2590)	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(132.1090, -54.6510,
-6.2590)**

Conversions

Conversions Part 1

Format	Color
Hex	4C97B6
RGB	76, 151, 182
RGB Percent	30%, 59%, 71%
CMY	0.7021, 0.4077, 0.2865
CMYK	0.58, 0.17, 0.00, 0.29
HSL	197°, 42%, 51%
HSV	197°, 58%, 71%
XYZ	22.4861, 27.0531, 48.2593
YIQ	132.1090, -54.6510, -6.2590

Conversions

Conversions Part 2

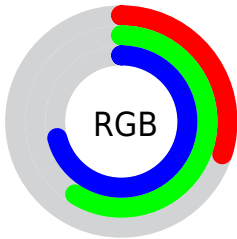
Format	Color
R_{YB}	76, 120, 182
Decimal	5019574
CIE _{Lab}	59.02, -14.14, -23.14
CIE _{LCh}	59, 27.115, 238.575
Yxy	27.0531, 0.2299, 0.2766
Android (android.graphics.Color)	4283209654 (0xFF4C97B6)
YUV	132.1090, 24.5963, -49.2076
Hunter-Lab	52.0126, -13.8528, -18.6028

Details

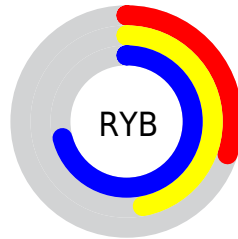
The YIQ color **132.1090, -54.6510, -6.2590** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **125.8910, 54.6510, 6.2590**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.2340, -53.5050, -5.0010**, and **73.4060, -68.9090, -12.1810** is the 20% darker color. If you saturate the color by 10%, you get **123.7920, -64.0040, -7.4600**, and if you desaturate by 10%, it is **140.4260, -45.2980, -5.0580**.

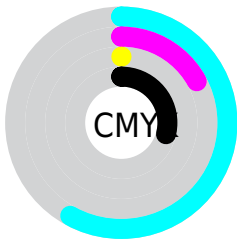
Distribution



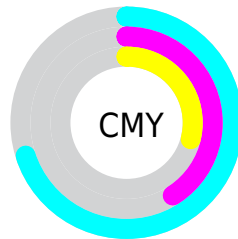
- Red (30%)
- Green (59%)
- Blue (71%)



- Red (30%)
- Yellow (47%)
- Blue (71%)



- Cyan (58%)
- Magenta (17%)
- Yellow (0%)
- Black (29%)



- Cyan (70%)
- Magenta (41%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.1090, -54.6510, -6.2590 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 132.1090, -54.6510, -6.2590 by changing the saturation by 10% instead.

■ 132.1090,
-54.6510, -6.2590

■ 132.1090,
-54.6510, -6.2590

■ 255.0000, -0.0000,
-0.0000

■ 104.5000,
-57.3100, -7.6300

■ 187.2340,
-53.5050, -5.0010

■ 73.4060, -68.9090,
-12.1810

■ 214.8660,
-49.6530, -8.7330

■ 56.4680, -54.2840,
-7.4040

■ 235.5650,
-38.7400, -13.7800

■ 40.2310, -40.2550,
-2.8390

■ 244.5350,
-20.8600, -7.4200

■ 25.1680, -26.7760,
0.6800

■ 253.2060, -3.5760,
-1.2720

■ 5.1640, -11.7850,
9.8390

■ 1.1400, -3.2100,

3.1100

■ 0.0000, 0.0000,
0.0000

■ 132.1090,
-54.6510, -6.2590

■ 132.1090,
-54.6510, -6.2590

■ 123.7920,
-64.0040, -7.4600

■ 140.4260,
-45.2980, -5.0580

■ 114.8880,
-73.0820, -8.1380

■ 149.3300,
-36.2200, -4.3800

■ 106.2720,
-83.0310, -9.5510

■ 157.9460,
-26.2710, -2.9670

■ 97.9550, -92.3840,
-10.7520

■ 166.2630,
-16.9180, -1.7660

■ 96.4710, -93.8970,
-10.8650

■ 175.1670, -7.8400,
-1.0880

■ 183.4840, 1.5130,
0.1130

■ 191.8010, 10.8660,
1.3140

■ 200.4170, 20.8150,
2.7270

■ 209.3210, 29.8930,
3.4050

Harmonies

Analogous

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



128.8170, -57.1250, -16.4930



132.1090, -54.6510, -6.2590



139.2520, -35.5800, 6.0520

Triad

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



132.1090, -54.6510, -6.2590



145.1170, 31.1280, 19.5760



138.0540, 7.9350, -17.1610

Complementary

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



132.1090, -54.6510, -6.2590



125.8910, 54.6510, 6.2590

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.



140.7360, 26.6860, -10.0660



132.1090, -54.6510, -6.2590



144.1530, 39.4740, 11.4900

Square

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



132.1090, -54.6510, -6.2590



145.3030, 13.1090, 21.2450



142.6330, 37.6420, 0.6340



135.1420, -15.8600, -20.9480

Rectangle

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



132.1090, -54.6510, -6.2590



142.6780, -18.9840, 13.6560



142.6330, 37.6420, 0.6340



139.1150, 15.1330, -15.4510

Sweetspot

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



132.1090, -54.6510, -6.2590



217.9960, -20.5400, -2.2040



141.6420, -38.7800, -46.1080



108.7150, -12.3790, -1.4270



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



132.1090, -54.6510, -6.2590



159.1900, -85.7360, -10.0880



101.5850, -40.3510, 20.9370



87.5480, -4.5390, -0.3390



82.3540, -80.3260, -9.0140



14.9320, -14.4880, -1.7520

Inverse Universe

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



116.2440, 39.1010, 45.7970



134.0860, 61.0580, 71.8900



156.4150, 40.3510, -20.9370



86.3750, 3.4380, 3.7740



59.1840, 57.6660, 67.2820



10.6520, 10.2680, 12.1560

Previews

White Background



This preview shows how the YIQ color 132.1090, -54.6510, -6.2590 looks on a white background.

Color Contrast Check

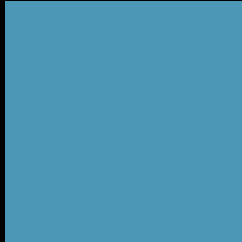
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.1090, -54.6510, -6.2590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

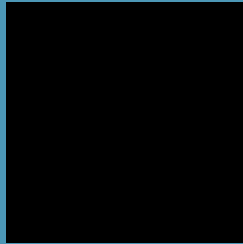
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 132.1090, -54.6510, -6.2590

Background



This preview shows how black text looks on a background with the YIQ color 132.1090, -54.6510, -6.2590.



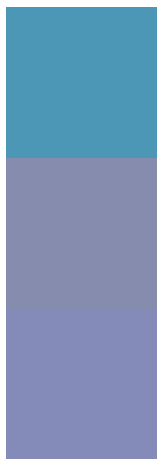
This preview shows how white text looks on a background with the YIQ color 132.1090, -54.6510, -6.2590.

-6.2590.

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

132.1090, -54.6510, -6.2590

Protanopia

141.7830, -15.0860, 9.0900

Deuteranopia

142.1510, -18.9380, 12.8220



Tritanopia

129.9530, -54.5120, -14.2880

Trichromacy



Original Color

132.1090, -54.6510, -6.2590

Protanomaly

138.1940, -29.6650, 3.4790

Deuteranomaly

138.4050, -31.6370, 6.1790

Tritanomaly

130.9470, -54.3750, -11.2630

Monochromacy



Original Color

132.1090, -54.6510, -6.2590

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

132.1810, -19.6230, -2.3030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.1090, -54.6510, -6.2590 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(76, 151, 182)` looks like.

```
.text, #text, p{  
    color:rgb(76, 151, 182)  
}
```

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(76, 151, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 151, 182) }
```

Border

The CSS property to change the border of an element to YIQ 132.1090, -54.6510, -6.2590 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(76, 151, 182) }
```


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

```
.border{ border-color:rgb(76, 151, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 151, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 151, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 151, 182);  
box-shadow:4px 4px 4px 4px rgb(76, 151,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 132.1090, -54.6510, -6.2590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 151, 182) }
```

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

```
.background{ background-color: rgb(76, 151,  
182) }
```

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