

Converting Colors

YIQ(150.2490, -59.0020,
-32.0420)

Have a look what the booklet for
YIQ(150.2490, -59.0020, -32.0420)
contains.

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Color

**YIQ(150.2490, -59.0020,
-32.0420)**

Conversions

Conversions Part 1

Format	Color
Hex	4ABBA1
RGB	74, 187, 161
RGB Percent	29%, 73%, 63%
CMY	0.7101, 0.2665, 0.3688
CMYK	0.60, 0.00, 0.14, 0.27
HSL	166°, 45%, 51%
HSV	166°, 60%, 73%
XYZ	27.0270, 39.5850, 39.9092
YIQ	150.2490, -59.0020, -32.0420

Conversions

Conversions Part 2

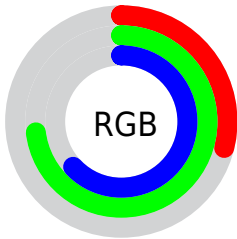
Format	Color
RYB	74, 138, 187
Decimal	4897697
CIELab	69.17, -38.33, 3.72
CIElCh	69, 38.511, 174.459
Yxy	39.5850, 0.2537, 0.3716
Android (android.graphics.Color)	4283087777 (0xFF4ABBA1)
YUV	150.2490, 5.3002, -66.8704
Hunter-Lab	62.9166, -33.4260, 6.4329

Details

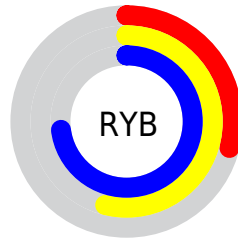
The YIQ color **150.2490, -59.0020, -32.0420** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **110.7510, 59.0020, 32.0420**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **207.6190, -57.1680, -32.2400**, and **90.6110, -71.8850, -35.3490** is the 20% darker color. If you saturate the color by 10%, you get **144.1120, -69.0420, -37.3140**, and if you desaturate by 10%, it is **156.3860, -48.9620, -26.7700**.

Distribution



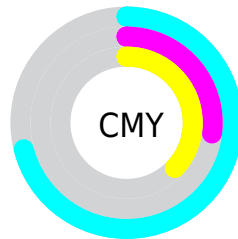
- Red (29%)
- Green (73%)
- Blue (63%)



- Red (29%)
- Yellow (54%)
- Blue (73%)



- Cyan (60%)
- Magenta (0%)
- Yellow (14%)
- Black (27%)



- Cyan (71%)
- Magenta (27%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.2490, -59.0020, -32.0420 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 150.2490, -59.0020, -32.0420 by changing the saturation by 10% instead.

■ 150.2490,
-59.0020, -32.0420

■ 150.2490,
-59.0020, -32.0420

■ 255.0000, -0.0000,
-0.0000

■ 121.2700,
-63.4950, -33.2150

■ 207.6190,
-57.1680, -32.2400

■ 90.4970, -71.5640,
-35.6600

■ 225.9390,
-51.8970, -23.1370

■ 72.4990, -56.7100,
-29.5260

■ 235.8640,
-38.1440, -13.5680

■ 55.2020, -42.4520,
-23.6040

■ 244.8340,
-20.2640, -7.2080

■ 38.6060, -28.7900,
-17.8940

■ 253.8040, -2.3840,
-0.8480

■ 24.5860, -16.8700,
-13.6540

■ 0.0000, 0.0000,

0.0000

■ 150.2490,
-59.0020, -32.0420

■ 150.2490,
-59.0020, -32.0420

■ 144.1120,
-69.0420, -37.3140

■ 156.3860,
-48.9620, -26.7700

■ 138.1600,
-78.1650, -42.6850

■ 162.3380,
-39.8390, -21.3990

■ 132.0230,
-88.2050, -47.9570

■ 168.4750,
-29.7990, -16.1270

■ 126.1850,
-97.6490, -53.0170

■ 174.6120,
-19.7590, -10.8550

■ 180.5640,
-10.6360, -5.4840

■ 186.7010, -0.5960,
-0.2120

■ 192.8380, 9.4440,
5.0600

■ 198.9750, 19.4840,
10.3320

■ 204.9270, 28.6070,
15.7030

Harmonies

Analogous

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



158.3770, -18.3800, -30.3480



150.2490, -59.0020, -32.0420



133.1240, -112.8740, -35.8980

Triad

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



150.2490, -59.0020, -32.0420



170.2790, -21.8740, 21.9820



169.0820, 55.4310, 3.1350

Complementary

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



150.2490, -59.0020, -32.0420



110.7510, 59.0020, 32.0420

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.



170.6930, 55.7490, 19.4050



150.2490, -59.0020, -32.0420



173.8830, 14.7120, 30.7440

Square

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



150.2490, -59.0020, -32.0420



160.9640, -61.0720, 5.4880



172.6010, 41.8090, 29.7530



167.0440, 40.2580, -13.7420

Rectangle

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



150.2490, -59.0020, -32.0420



133.9310, -119.3400, -28.8440



172.6010, 41.8090, 29.7530



170.1410, 56.9430, 8.7750

Sweetspot

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



150.2490, -59.0020, -32.0420



228.0030, -22.4180, -12.2260



148.1050, -15.5790, -53.5870



113.2430, -14.1660, -7.5900



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



150.2490, -59.0020, -32.0420



184.4030, -92.3310, -50.2750



135.6030, -59.0980, -8.2660



91.0810, -4.7220, -2.5300



106.6540, -82.6120, -44.6920



20.9330, -16.2290, -8.7490

Inverse Universe

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



110.7510, 59.0020, 32.0420



122.5970, 92.3310, 50.2750



125.3970, 59.0980, 8.2660



87.9190, 4.7220, 2.5300



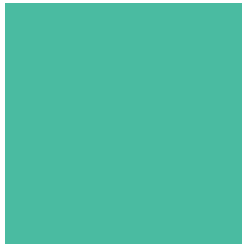
51.3460, 82.6120, 44.6920



10.0670, 16.2290, 8.7490

Previews

White Background



This preview shows how the YIQ color 150.2490, -59.0020, -32.0420 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 150.2490, -59.0020, -32.0420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

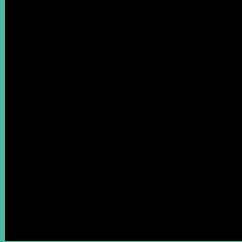
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 150.2490, -59.0020, -32.0420 Background



This preview shows how black text looks on a background with the YIQ color 150.2490, -59.0020, -32.0420.



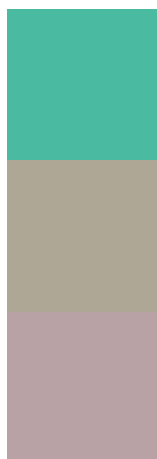
This preview shows how white text looks on a background with the YIQ color 150.2490, -59.0020, -32.0420.

-32.0420.

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

150.2490, -59.0020, -32.0420

Protanopia

167.4540, 10.2250, -3.5910

Deuteranopia

169.0340, 11.8280, 5.9080



Tritanopia

155.6040, -60.8390, -15.2630

Trichromacy



Original Color

150.2490, -59.0020, -32.0420

Protanomaly

160.9560, -15.0360, -13.8520

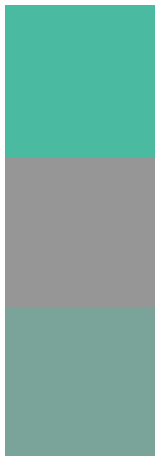
Deuteranomaly

162.1290, -13.8450, -7.9010

Tritanomaly

153.8010, -60.1960, -21.4120

Monochromacy



Original Color

150.2490, -59.0020, -32.0420

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.7150, -21.5470, -11.4910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.2490, -59.0020, -32.0420 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, 187, 161)` looks like.

```
.text, #text, p{  
    color:rgb(74, 187, 161)  
}
```

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, 187, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 187, 161) }
```

Border

The CSS property to change the border of an element to YIQ 150.2490, -59.0020, -32.0420 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, 187, 161) }
```


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

```
.border{ border-color:rgb(74, 187, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 187, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 187, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 187, 161);  
box-shadow:4px 4px 4px 4px rgb(74, 187,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 150.2490, -59.0020, -32.0420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 187, 161) }
```

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

```
.background{ background-color: rgb(74, 187,  
161) }
```

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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