

# Converting Colors

YIQ(95.3990, -49.8360,  
-10.9240)

Have a look what the booklet for  
YIQ(95.3990, -49.8360, -10.9240)  
contains.

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# Color

**YIQ(95.3990, -49.8360,  
-10.9240)**

# Conversions

## Conversions Part 1

Format	Color
Hex	297484
RGB	41, 116, 132
RGB Percent	16%, 45%, 52%
CMY	0.8394, 0.5450, 0.4826
CMYK	0.69, 0.12, 0.00, 0.48
HSL	190°, 53%, 34%
HSV	190°, 69%, 52%
XYZ	11.3230, 14.6331, 24.0383
YIQ	95.3990, -49.8360, -10.9240

# Conversions

## Conversions Part 2

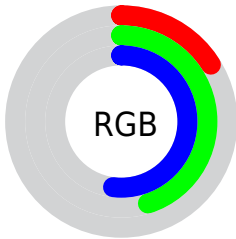
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 82, 132
Decimal	2716804
CIE <sub>Lab</sub>	45.13, -17.46, -15.48
CIE <sub>LCh</sub>	45, 23.335, 221.575
Yxy	14.6331, 0.2265, 0.2927
Android (android.graphics.Color)	4280906884 (0xFF297484)
<b>YUV</b>	95.3990, 18.0443, -47.7079
Hunter-Lab	38.2532, -14.1070, -10.4805

# Details

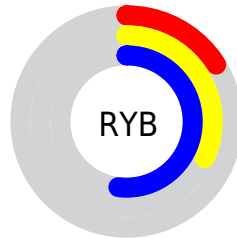
The YIQ color **95.3990, -49.8360, -10.9240** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **77.6010, 49.8360, 10.9240**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **149.0080, -47.1770, -9.5530**, and **49.3780, -45.3430, -9.7510** is the 20% darker color. If you saturate the color by 10%, you get **90.3380, -57.0340, -12.6340**, and if you desaturate by 10%, it is **100.4600, -42.6380, -9.2140**.

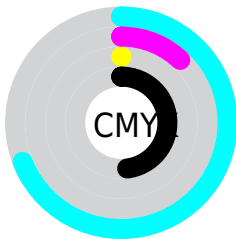
# Distribution



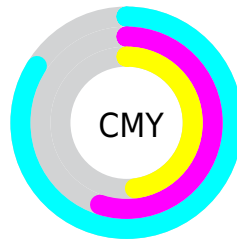
- Red (16%)
- Green (45%)
- Blue (52%)



- Red (16%)
- Yellow (32%)
- Blue (52%)



- Cyan (69%)
- Magenta (12%)
- Yellow (0%)
- Black (48%)



- Cyan (84%)
- Magenta (55%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 95.3990, -49.8360, -10.9240 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 95.3990, -49.8360, -10.9240 by changing the saturation by 10% instead.



95.3990, -49.8360,  
-10.9240

95.3990, -49.8360,  
-10.9240

255.0000, -0.0000,  
-0.0000

65.6150, -59.3720,  
-14.3160

149.0080,  
-47.1770, -9.5530

49.2640, -45.0220,  
-10.0620

177.0080,  
-47.1770, -9.5530

33.1410, -31.3140,  
-5.1860

205.0080,  
-47.1770, -9.5530

19.5940, -19.3480,  
-1.7800

231.4120,  
-42.6830, -13.9070

2.4110, -5.4110,  
4.4530

241.8440,  
-26.2240, -9.3280

0.0000, 0.0000,  
0.0000

250.5150, -8.9400,

-3.1800

■ 95.3990, -49.8360,  
-10.9240

■ 95.3990, -49.8360,  
-10.9240

■ 90.3380, -57.0340,  
-12.6340

■ 100.4600,  
-42.6380, -9.2140

■ 84.6900, -63.9570,  
-13.8210

■ 106.1080,  
-35.7150, -8.0270

■ 79.3300, -71.7510,  
-15.7430

■ 111.4680,  
-27.9210, -6.1050

■ 79.0310, -72.3470,  
-15.9550

■ 116.5290,  
-20.7230, -4.3950

■ 122.1770,  
-13.8000, -3.2080

■ 127.2380, -6.6020,  
-1.4980

■ 132.2990, 0.5960,  
0.2120

■ 137.6590, 8.3900,  
2.1340

■ 143.3070, 15.3130,  
3.3210

# Harmonies

## Analogous

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



95.4290, -41.3530, -15.9850



95.3990, -49.8360, -10.9240



100.5840, -39.7510, -0.9590

# Triad

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



95.3990, -49.8360, -10.9240



109.8210, 17.2820, 17.2020



104.9350, 15.8200, -11.3800

# Complementary

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



95.3990, -49.8360, -10.9240



77.6010, 49.8360, 10.9240

# 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.



106.4360, 27.8310, -3.2810



95.3990, -49.8360, -10.9240



108.7590, 29.0200, 13.7240

# Square

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



95.3990, -49.8360, -10.9240



109.1980, 0.0430, 15.7470



107.5710, 32.1850, 5.9210



102.3180, -1.5560, -15.8600



# Rectangle

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



95.3990, -49.8360, -10.9240



104.4440, -27.3730, 5.9950



107.5710, 32.1850, 5.9210



105.5550, 19.9460, -9.0620

# Sweetspot

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



95.3990, -49.8360, -10.9240



156.7140, -19.8060, -4.4940



96.1270, -29.8400, -42.9280



78.0740, -12.0120, -2.5720



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000



# Same Dimension

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



95.3990, -49.8360, -10.9240



113.8670, -77.7570, -17.0290



68.9840, -37.4610, 12.6110



63.6190, -3.3010, -0.7490



77.6290, -71.1550, -15.5310



1.5160, -1.5130, -0.1130



# Inverse Universe

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



76.7590, 30.1610, 42.6170



84.7960, 47.0750, 66.4910



104.0160, 37.4610, -12.6110



62.3640, 1.9710, 2.8270



51.0680, 43.1330, 60.8370



1.1250, 1.1460, 1.2580



# Previews

## White Background



This preview shows how the YIQ color 95.3990, -49.8360, -10.9240 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 95.3990, -49.8360, -10.9240 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

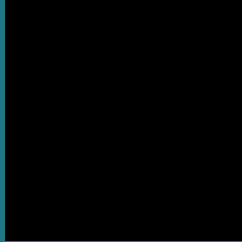
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YIQ 95.3990, -49.8360, -10.9240

## Background



This preview shows how black text looks on a background with the YIQ color 95.3990, -49.8360, -10.9240.



This preview shows how white text looks on a background with the YIQ color 95.3990, -49.8360,

-10.9240.

# 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

95.3990, -49.8360, -10.9240

### Protanopia

106.3830, -8.2080, 5.5840

### Deuteranopia

106.9360, -11.1430, 9.2170



## Tritanopia

94.4050, -49.9730, -13.9490

# Trichromacy



## Original Color

95.3990, -49.8360, -10.9240

## Protanomaly

102.4950, -23.3830, -0.2390

## Deuteranomaly

102.5920, -25.0340, 2.1500

## Tritanomaly

94.9320, -50.0190, -13.1150

# Monochromacy



## Original Color

95.3990, -49.8360, -10.9240

## Achromatopsia

95.0000, -0.0000, -0.0000

## Achromatomaly

95.1980, -18.2930, -4.3810

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 95.3990, -49.8360, -10.9240 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(41, 116, 132)` looks like.

```
.text, #text, p{  
    color:rgb(41, 116, 132)  
}
```

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(41, 116, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 116, 132) }
```

## Border

The CSS property to change the border of an element to YIQ 95.3990, -49.8360, -10.9240 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(41, 116, 132) }
```



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

```
.border{ border-color:rgb(41, 116, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 116, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 116, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 116, 132);  
box-shadow:4px 4px 4px 4px rgb(41, 116,  
132) }
```

# Background

The CSS property to change the background color of an element to YIQ 95.3990, -49.8360, -10.9240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 116, 132) }
```

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

```
.background{ background-color: rgb(41, 116,  
132) }
```

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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