

Converting Colors

YIQ(109.9360, 50.7510, 21.8790)

Have a look what the booklet for
YIQ(109.9360, 50.7510, 21.8790)
contains.

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Color

**YIQ(109.9360, 50.7510,
21.8790)**

Conversions

Conversions Part 1

Format	Color
Hex	AC525B
RGB	172, 82, 91
RGB Percent	67%, 32%, 36%
CMY	0.3253, 0.6786, 0.6429
CMYK	0.00, 0.52, 0.47, 0.33
HSL	354°, 35%, 50%
HSV	354°, 52%, 67%
XYZ	21.9305, 15.5621, 11.7567
YIQ	109.9360, 50.7510, 21.8790

Conversions

Conversions Part 2

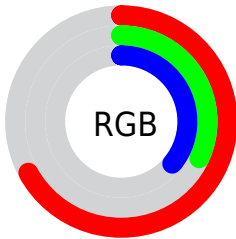
Format	Color
R_{YB}	172, 82, 91
Decimal	11293275
CIE _{Lab}	46.39, 37.73, 12.34
CIE _{LCh}	46, 39.696, 18.112
Yxy	15.5621, 0.4453, 0.3160
Android (android.graphics.Color)	4289483355 (0xFFAC525B)
YUV	109.9360, -9.3354, 54.4301
Hunter-Lab	39.4488, 30.1968, 9.9443

Details

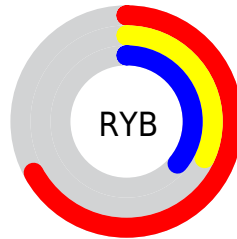
The YIQ color **109.9360, 50.7510, 21.8790** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **144.0640, -50.7510, -21.8790**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.5020, 54.9690, 22.5290**, and **58.1250, 45.8450, 22.6850** is the 20% darker color. If you saturate the color by 10%, you get **98.2470, 60.2410, 26.1050**, and if you desaturate by 10%, it is **121.7390, 40.9400, 17.9640**.

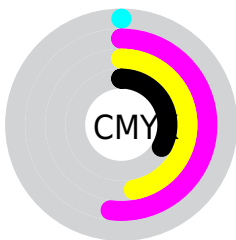
Distribution



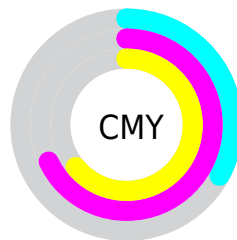
- Red (67%)
- Green (32%)
- Blue (36%)



- Red (67%)
- Yellow (32%)
- Blue (36%)



- Cyan (0%)
- Magenta (52%)
- Yellow (47%)
- Black (33%)




- Cyan (33%)
- Magenta (68%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 109.9360, 50.7510, 21.8790 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 109.9360, 50.7510, 21.8790 by changing the saturation by 10% instead.


 109.9360, 50.7510,
21.8790

 109.9360, 50.7510,
21.8790


255.0000, -0.0000,
-0.0000


 84.2670, 48.3210,
21.8650


 163.8010, 55.5650,
22.7410


 58.1250, 45.8450,
22.6850


 189.7900, 54.0980,
21.7940

 29.7490, 44.1480,
25.9080

 208.8310, 37.6850,
16.3810

 18.5380, 36.9520,
13.1440

 228.9320, 21.0430,
9.6110

 10.8780, 21.1350,
7.9430

 248.6740, 4.0340,
3.9860

 0.0000, 0.0000,
0.0000

109.9360, 50.7510,
21.8790

109.9360, 50.7510,
21.8790

98.2470, 60.2410,
26.1050

121.7390, 40.9400,
17.9640

86.4440, 70.0520,
30.0200

133.4280, 31.4500,
13.7380

74.1680, 79.8170,
34.7690

145.7040, 21.6850,
8.9890

62.3650, 89.6280,
38.6840

157.5070, 11.8740,
5.0740

53.3660, 97.0550,
41.7510


169.1960, 2.3840,
0.8480

180.9990, -7.4270,
-3.0670

192.6880,
-16.9170, -7.2930

205.0780,

-27.0030, -11.7310

 216.7670,
-36.4930, -15.9570

Harmonies

Analogous

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



112.3060, 35.3900, 30.4460



109.9360, 50.7510, 21.8790



109.2220, 52.2210, 6.2450

Triad

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



109.9360, 50.7510, 21.8790



100.1390, -11.7780, -28.8500



88.6290, -88.3500, -6.7660

Complementary

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



109.9360, 50.7510, 21.8790



144.0640, -50.7510, -21.8790

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.



90.9140, -85.1390, -15.4030



109.9360, 50.7510, 21.8790



84.7920, -65.1450, -36.3530

Square

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



109.9360, 50.7510, 21.8790



104.4110, 19.8110, -23.1410



89.3690, -76.6550, -25.9910



108.5550, -31.6390, 17.2330

Rectangle

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



109.9360, 50.7510, 21.8790



108.0220, 46.4920, -5.5720



89.3690, -76.6550, -25.9910



89.9340, -87.8910, -9.5790

Sweetspot

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



109.9360, 50.7510, 21.8790



199.2200, 20.1720, 8.8760



116.1800, 18.7900, 44.9500



97.5070, 11.8740, 5.0740



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



109.9360, 50.7510, 21.8790



126.7550, 79.5420, 34.2460



129.4550, 44.0150, 0.7750



80.8050, 5.0430, 2.2190



46.5600, 84.5850, 36.4650



7.1050, 13.0660, 5.4980

Inverse Universe

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



109.9360, 50.7510, 21.8790



126.7550, 79.5420, 34.2460



125.1320, -44.2900, -1.2980



80.8050, 5.0430, 2.2190



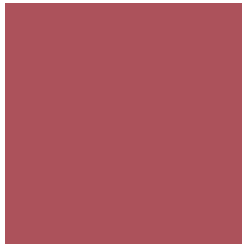
46.5600, 84.5850, 36.4650



7.1050, 13.0660, 5.4980

Previews

White Background



This preview shows how the YIQ color 109.9360, 50.7510, 21.8790 looks on a white background.

Color Contrast Check

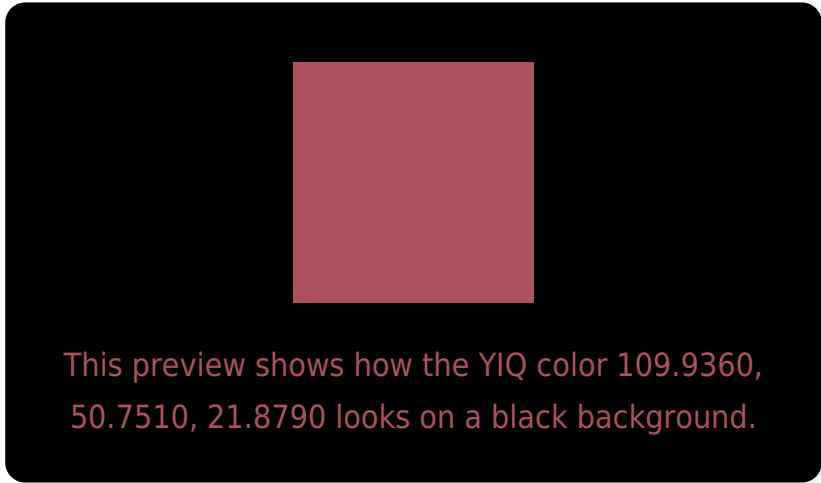
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

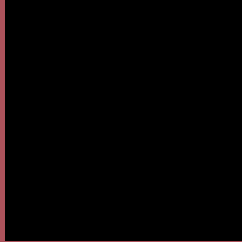
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 109.9360, 50.7510, 21.8790

Background



This preview shows how black text looks on a background with the YIQ color 109.9360, 50.7510, 21.8790.



This preview shows how white text looks on a background with the YIQ color 109.9360, 50.7510,

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

109.9360, 50.7510, 21.8790

Protanopia

110.6260, 3.9890, -0.7070

Deuteranopia

110.7110, 19.8070, -1.0330



Tritanopia

109.5940, 51.7140, 20.9460

Trichromacy



Original Color

109.9360, 50.7510, 21.8790

Protanomaly

110.4650, 20.8600, 7.4200

Deuteranomaly

110.3260, 31.4970, 7.3770

Tritanomaly

109.7080, 51.3930, 21.2570

Monochromacy



Original Color

109.9360, 50.7510, 21.8790

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.2090, 18.7050, 7.9290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.9360, 50.7510, 21.8790 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(172, 82, 91)` looks like.

```
.text, #text, p{  
    color:rgb(172, 82, 91)  
}
```

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(172, 82, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 82, 91) }
```

Border

The CSS property to change the border of an element to YIQ 109.9360, 50.7510, 21.8790 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(172, 82, 91) }
```


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

```
.border{ border-color:rgb(172, 82, 91) }
```

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

Here you see how a box with a 4 pixel rgb(172, 82, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 82, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 82, 91);  
box-shadow:4px 4px 4px 4px rgb(172, 82,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 109.9360, 50.7510, 21.8790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 82, 91) }
```

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

```
.background{ background-color: rgb(172, 82,  
91) }
```

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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