

Converting Colors

YIQ(135.5950, 23.6100, 12.6500)

Have a look what the booklet for
YIQ(135.5950, 23.6100, 12.6500)
contains.

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Color

**YIQ(135.5950, 23.6100,
12.6500)**

Conversions

Conversions Part 1

Format	Color
Hex	A67983
RGB	166, 121, 131
RGB Percent	65%, 47%, 51%
CMY	0.3489, 0.5255, 0.4862
CMYK	0.00, 0.27, 0.21, 0.35
HSL	347°, 20%, 56%
HSV	347°, 27%, 65%
XYZ	26.6652, 23.4196, 24.5955
YIQ	135.5950, 23.6100, 12.6500

Conversions

Conversions Part 2

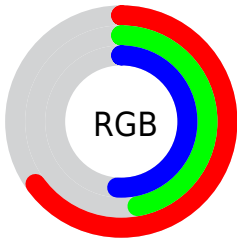
Format	Color
RYB	166, 121, 131
Decimal	10910083
CIELab	55.50, 19.12, 1.47
CIELCh	56, 19.179, 4.411
Yxy	23.4196, 0.3571, 0.3136
Android (android.graphics.Color)	4289100163 (0xFFA67983)
YUV	135.5950, -2.2653, 26.6652
Hunter-Lab	48.3938, 13.6655, 3.7422

Details

The YIQ color **135.5950, 23.6100, 12.6500** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **151.4050, -23.6100, -12.6500**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **189.4920, 25.3980, 13.2860**, and **85.3990, 21.2260, 11.8020** is the 20% darker color. If you saturate the color by 10%, you get **124.1340, 32.4580, 17.4980**, and if you desaturate by 10%, it is **147.0560, 14.7620, 7.8020**.

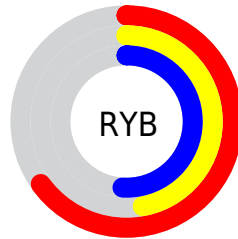
Distribution



Red (65%)

Green (47%)

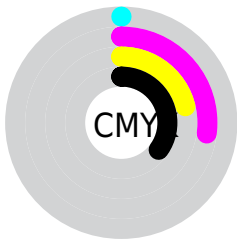
Blue (51%)



Red (65%)

Yellow (47%)

Blue (51%)

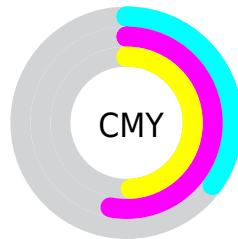


Cyan (0%)

Magenta (27%)

Yellow (21%)

Black (35%)



Cyan (35%)


Magenta (53%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 135.5950, 23.6100, 12.6500 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 135.5950, 23.6100, 12.6500 by changing the saturation by 10% instead.


 135.5950, 23.6100,
12.6500


 135.5950, 23.6100,
12.6500


255.0000, -0.0000,
-0.0000


 109.9970, 22.4180,
12.2260


 189.4920, 25.3980,
13.2860


 85.3990, 21.2260,
11.8020


 217.2040, 26.2690,
14.0210

 61.8010, 20.0340,
11.3780

 238.0280, 11.9650,
8.9330

 39.2030, 18.8420,
10.9540

 16.4310, 18.2000,
11.5760

 0.0000, 0.0000,
0.0000

■ 135.5950, 23.6100,
12.6500

■ 135.5950, 23.6100,
12.6500

■ 124.1340, 32.4580,
17.4980

■ 147.0560, 14.7620,
7.8020

■ 113.2600, 41.0310,
21.8230

■ 157.9300, 6.1890,
3.4770

■ 101.7990, 49.8790,
26.6710

■ 169.3910, -2.6590,
-1.3710

■ 90.9250, 58.4520,
30.9960

■ 180.2650,
-11.2320, -5.6960

■ 79.5780, 66.9790,
36.1550

■ 191.7260,
-20.0800, -10.5440

■ 68.1170, 75.8270,
41.0030

■ 203.0730,
-28.6070, -15.7030

■ 57.2430, 84.4000,
45.3280


■ 213.9470,
-37.1800, -20.0280

■ 53.8520, 87.0590,

■ 225.4080,

46.6990

-46.0280, -24.8760

 227.4770,
-50.4760, -21.3560

Harmonies

Analogous

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



136.0160, 12.2390, 14.9830



135.5950, 23.6100, 12.6500



134.9450, 28.1960, 6.6280

Triad

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



135.5950, 23.6100, 12.6500



130.3510, 2.8450, -13.0190



128.7650, -33.0110, -1.9630

Complementary

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



135.5950, 23.6100, 12.6500



151.4050, -23.6100, -12.6500

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.



126.2820, -36.2650, -9.0730



135.5950, 23.6100, 12.6500



127.9130, -13.4770, -14.5730

Square

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



135.5950, 23.6100, 12.6500



132.2280, 16.5530, -8.1430



125.9530, -28.1490, -12.9890



132.2660, -21.0000, 6.1360

Rectangle

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



135.5950, 23.6100, 12.6500



133.7120, 27.2340, 2.0340



125.9530, -28.1490, -12.9890



127.5150, -35.3030, -4.4790

Sweetspot

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



135.5950, 23.6100, 12.6500



204.8380, 9.4440, 5.0600



136.5950, 6.4150, 21.4150



102.5170, 5.9140, 2.9540



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



135.5950, 23.6100, 12.6500



168.3520, 37.7760, 20.2400



141.4990, 23.5200, 3.2640



78.6200, 4.1260, 2.3180



48.0140, 77.6150, 41.6390



6.5500, 10.3150, 5.7950

Inverse Universe

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



135.5950, 23.6100, 12.6500



168.3520, 37.7760, 20.2400



145.5010, -23.5200, -3.2640



78.6200, 4.1260, 2.3180



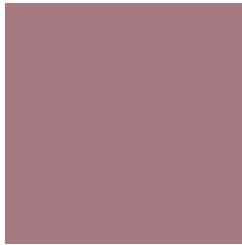
48.0140, 77.6150, 41.6390



6.5500, 10.3150, 5.7950

Previews

White Background



This preview shows how the YIQ color 135.5950, 23.6100, 12.6500 looks on a white background.

Color Contrast Check

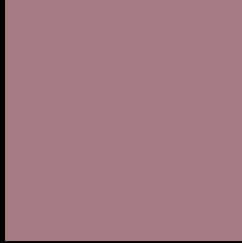
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.5950, 23.6100, 12.6500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

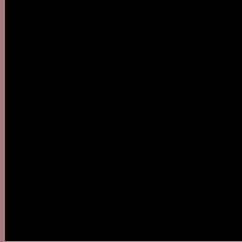
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.5950, 23.6100, 12.6500

Background



This preview shows how black text looks on a background with the YIQ color 135.5950, 23.6100, 12.6500.



This preview shows how white text looks on a background with the YIQ color 135.5950, 23.6100,

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

135.5950, 23.6100, 12.6500

Protanopia

133.2820, -0.7340, 2.2900

Deuteranopia

134.4960, 10.4070, 4.1270



Tritanopia

135.4810, 23.9310, 12.3390

Trichromacy



Original Color

135.5950, 23.6100, 12.6500

Protanomaly

134.1800, 8.4810, 5.9930

Deuteranomaly

134.8280, 15.4040, 7.1800

Tritanomaly

135.4810, 23.9310, 12.3390

Monochromacy



Original Color

135.5950, 23.6100, 12.6500

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.1260, 8.5730, 4.3250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.5950, 23.6100, 12.6500 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(166, 121, 131)` looks like.

```
.text, #text, p{  
    color:rgb(166, 121, 131)  
}
```

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(166, 121, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 121, 131) }
```

Border

The CSS property to change the border of an element to YIQ 135.5950, 23.6100, 12.6500 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(166, 121, 131) }
```


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

```
.border{ border-color:rgb(166, 121, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 121, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 121, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 121, 131);  
box-shadow:4px 4px 4px 4px rgb(166, 121,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 135.5950, 23.6100, 12.6500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 121, 131) }
```

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

```
.background{ background-color: rgb(166,  
121, 131) }
```

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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