

Converting Colors

YIQ(113.3250, 16.0430, 23.1390)

Have a look what the booklet for
YIQ(113.3250, 16.0430, 23.1390)
contains.

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Color

**YIQ(113.3250, 16.0430,
23.1390)**

Conversions

Conversions Part 1

Format	Color
Hex	8F5E87
RGB	143, 94, 135
RGB Percent	56%, 37%, 53%
CMY	0.4391, 0.6314, 0.4706
CMYK	0.00, 0.34, 0.06, 0.44
HSL	310°, 21%, 46%
HSV	310°, 34%, 56%
XYZ	19.7086, 15.5941, 24.8959
YIQ	113.3250, 16.0430, 23.1390

Conversions

Conversions Part 2

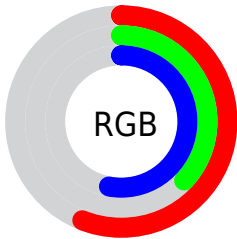
Format	Color
R_{YB}	143, 94, 135
Decimal	9395847
CIE _{Lab}	46.44, 26.82, -14.65
CIE _{LCh}	46, 30.556, 331.357
Yxy	15.5941, 0.3274, 0.2590
Android (android.graphics.Color)	4287585927 (0xFF8F5E87)
YUV	113.3250, 10.6858, 26.0250
Hunter-Lab	39.4894, 19.9803, -9.7365

Details

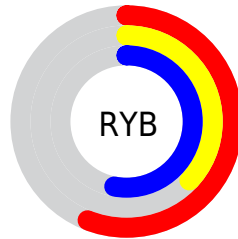
The YIQ color **113.3250, 16.0430, 23.1390** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **123.6750, -16.0430, -23.1390**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7490, 17.7850, 24.6090**, and **64.2000, 14.8970, 21.8810** is the 20% darker color. If you saturate the color by 10%, you get **104.8790, 20.5350, 29.8390**, and if you desaturate by 10%, it is **121.7710, 11.5510, 16.4390**.

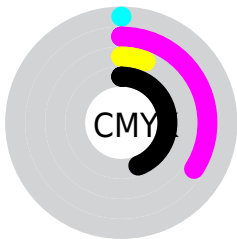
Distribution



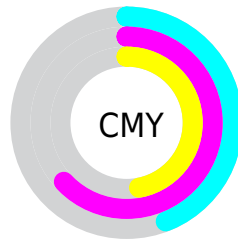
- Red (56%)
- Green (37%)
- Blue (53%)



- Red (56%)
- Yellow (37%)
- Blue (53%)



- Cyan (0%)
- Magenta (34%)
- Yellow (6%)
- Black (44%)





- Cyan (44%)
- Magenta (63%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.3250, 16.0430, 23.1390 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 113.3250, 16.0430, 23.1390 by changing the saturation by 10% instead.


 113.3250, 16.0430,
23.1390


 113.3250, 16.0430,
23.1390


255.0000, -0.0000,
-0.0000


 88.6130, 15.1720,
22.4040


 165.7490, 17.7850,
24.6090


 64.2000, 14.8970,
21.8810


 193.1620, 18.0600,
25.1320

 41.1890, 13.4300,
20.9340

 221.5750, 18.3350,
25.6550

 18.3030, 13.1090,
21.2450

 239.1510, 7.4250,
14.1210

 7.5480, 4.6290,
9.7250

 0.0000, 0.0000,
0.0000

■ 113.3250, 16.0430,
23.1390

■ 113.3250, 16.0430,
23.1390

■ 104.8790, 20.5350,
29.8390

■ 121.7710, 11.5510,
16.4390

■ 95.7320, 25.6230,
36.7510

■ 130.9180, 6.4630,
9.5270

■ 87.2860, 30.1150,
43.4510

■ 139.3640, 1.9710,
2.8270

■ 78.8400, 34.6070,
50.1510

■ 147.8100, -2.5210,
-3.8730

■ 69.6930, 39.6950,
57.0630

■ 156.9570, -7.6090,
-10.7850

■ 61.2470, 44.1870,
63.7630


■ 165.4030,
-12.1010, -17.4850

■ 56.4370, 46.7080,
67.6360

■ 173.8490,
-16.5930, -24.1850

■ 182.4090,

-21.4060, -30.5740

 191.4420,
-26.1730, -37.7970

Harmonies

Analogous

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



112.1030, -9.8150, 18.1930



113.3250, 16.0430, 23.1390



112.6120, 34.1080, 20.6360

Triad

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



113.3250, 16.0430, 23.1390



107.9700, 25.9070, -12.4690



87.7050, -77.4810, -22.0330

Complementary

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



113.3250, 16.0430, 23.1390



123.6750, -16.0430, -23.1390

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.



91.6180, -55.4270, -25.2430



113.3250, 16.0430, 23.1390



105.1030, 6.2390, -19.4650

Square

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



113.3250, 16.0430, 23.1390



109.8780, 38.3300, -0.8220



100.7500, -20.6280, -22.6440



88.9040, -79.1790, -13.2830

Rectangle

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



113.3250, 16.0430, 23.1390



111.5600, 39.8860, 15.0380



100.7500, -20.6280, -22.6440



86.7930, -74.9130, -24.5210

Sweetspot

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



113.3250, 16.0430, 23.1390



175.0920, 5.9130, 8.4810



101.6790, -11.5570, 16.7230



87.3150, 3.6670, 5.1310



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



113.3250, 16.0430, 23.1390



140.0200, 24.7520, 36.0160



110.5890, 23.7470, 15.6750



66.7770, 2.2460, 3.3500



53.2470, 44.1870, 63.7630



3.0760, 2.8420, 3.5620

Inverse Universe

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



113.3250, 16.0430, 23.1390



140.0200, 24.7520, 36.0160



126.4110, -23.7470, -15.6750



66.7770, 2.2460, 3.3500



53.2470, 44.1870, 63.7630



3.0760, 2.8420, 3.5620

Previews

White Background



This preview shows how the YIQ color 113.3250, 16.0430, 23.1390 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 113.3250, 16.0430, 23.1390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

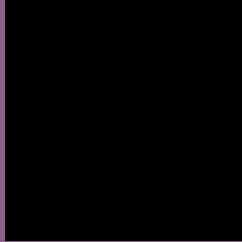
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 113.3250, 16.0430, 23.1390

Background



This preview shows how black text looks on a background with the YIQ color 113.3250, 16.0430, 23.1390.



This preview shows how white text looks on a background with the YIQ color 113.3250, 16.0430,

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

113.3250, 16.0430, 23.1390

Protanopia

110.5270, -17.2410, 9.5990

Deuteranopia

111.3340, -6.5120, 7.8880



Tritanopia

112.1710, 21.8680, 11.1800

Trichromacy



Original Color

113.3250, 16.0430, 23.1390

Protanomaly

111.9200, -5.0460, 14.3620

Deuteranomaly

112.1010, 1.6940, 13.3580

Tritanomaly

112.4360, 19.8040, 15.5480

Monochromacy



Original Color

113.3250, 16.0430, 23.1390

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.0920, 5.9130, 8.4810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.3250, 16.0430, 23.1390 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(143, 94, 135)` looks like.

```
.text, #text, p{  
    color:rgb(143, 94, 135)  
}
```

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(143, 94, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 94, 135) }
```

Border

The CSS property to change the border of an element to YIQ 113.3250, 16.0430, 23.1390 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(143, 94, 135) }
```


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

```
.border{ border-color:rgb(143, 94, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 94, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 94, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 94, 135);  
box-shadow:4px 4px 4px 4px rgb(143, 94,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 113.3250, 16.0430, 23.1390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 94, 135) }
```

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

```
.background{ background-color: rgb(143, 94,  
135) }
```

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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