

Converting Colors

YIQ(108.2180, 6.4590, 31.6350)

Have a look what the booklet for
YIQ(108.2180, 6.4590, 31.6350)
contains.

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Color

**YIQ(108.2180, 6.4590,
31.6350)**

Conversions

Conversions Part 1

Format	Color
Hex	86569B
RGB	134, 86, 155
RGB Percent	53%, 34%, 61%
CMY	0.4743, 0.6628, 0.3922
CMYK	0.14, 0.45, 0.00, 0.39
HSL	282°, 29%, 47%
HSV	282°, 45%, 61%
XYZ	19.0799, 14.0903, 32.7213
YIQ	108.2180, 6.4590, 31.6350

Conversions

Conversions Part 2

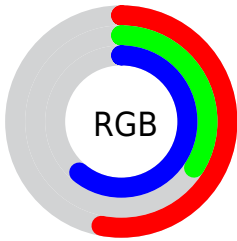
Format	Color
RYB	134, 86, 155
Decimal	8803995
CIELab	44.36, 32.58, -29.89
CIELCh	44, 44.215, 317.466
Yxy	14.0903, 0.2896, 0.2138
Android (android.graphics.Color)	4286994075 (0xFF86569B)
YUV	108.2180, 23.0635, 22.6108
Hunter-Lab	37.5371, 25.0407, -25.4075

Details

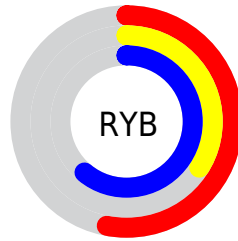
The YIQ color **108.2180, 6.4590, 31.6350** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **132.7820, -6.4590, -31.6350**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.5710, 6.9630, 33.5150**, and **58.8650, 5.9550, 29.7550** is the 20% darker color. If you saturate the color by 10%, you get **97.3310, 7.8790, 38.9430**, and if you desaturate by 10%, it is **118.5180, 5.3140, 24.8500**.

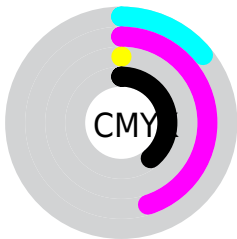
Distribution



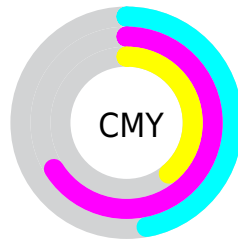
- Red (53%)
- Green (34%)
- Blue (61%)



- Red (53%)
- Yellow (34%)
- Blue (61%)



- Cyan (14%)
- Magenta (45%)
- Yellow (0%)
- Black (39%)



- Cyan (47%)
- Magenta (66%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.2180, 6.4590, 31.6350 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 108.2180, 6.4590, 31.6350 by changing the saturation by 10% instead.

■ 108.2180, 6.4590,
31.6350

■ 108.2180, 6.4590,
31.6350

■ 255.0000, -0.0000,
-0.0000

■ 83.3920, 5.9090,
30.5890

■ 160.5710, 6.9630,
33.5150

■ 58.8650, 5.9550,
29.7550

■ 188.2830, 7.8340,
34.2500

■ 35.1530, 5.0840,
29.0200

■ 214.7410, 12.2360,
31.5640

■ 16.8490, 2.8840,
24.8360

■ 233.8680, 9.9000,
18.8280

■ 3.8760, -10.9140,
10.5740

■ 250.8910, 1.9250,
3.6610

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,

0.0000

■ 108.2180, 6.4590,
31.6350

■ 108.2180, 6.4590,
31.6350

■ 97.3310, 7.8790,
38.9430

■ 118.5180, 5.3140,
24.8500

■ 87.3300, 9.6200,
45.9400

■ 129.1060, 3.2980,
17.3300

■ 76.4430, 11.0400,
53.2480

■ 139.4060, 2.1530,
10.5450

■ 66.1430, 12.1850,
60.0330

■ 150.2930, 0.7330,
3.2370

■ 55.5550, 14.2010,
67.5530

■ 160.5930, -0.4120,
-3.5480

■ 49.9620, 14.6130,
71.1010

■ 171.1810, -2.4280,
-11.0680

■ 181.4810, -3.5730,
-17.8530

■ 192.3680, -4.9930,
-25.1610

■ 202.3690, -6.7340,
-32.1580

Harmonies

Analogous

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



102.2600, -38.0580, 17.9260



108.2180, 6.4590, 31.6350



105.7950, 38.5070, 34.5310

Triad

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



108.2180, 6.4590, 31.6350



101.7950, 45.3930, -13.1910



86.5650, -74.2710, -25.1430

Complementary

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



108.2180, 6.4590, 31.6350



132.7820, -6.4590, -31.6350

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.



81.6460, -61.7980, -36.4380



108.2180, 6.4590, 31.6350



98.8580, 22.7460, -26.7740

Square

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



108.2180, 6.4590, 31.6350



103.0870, 57.0350, 7.1070



93.5470, -13.1070, -32.2990



88.4520, -83.7180, -13.6220

Rectangle

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



108.2180, 6.4590, 31.6350



104.1630, 51.8500, 29.4980



93.5470, -13.1070, -32.2990



85.0830, -70.0980, -29.1860

Sweetspot

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



108.2180, 6.4590, 31.6350



183.3460, 2.3820, 11.9020



106.7800, -28.1990, 9.9530



91.1130, 1.4200, 7.3080



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



108.2180, 6.4590, 31.6350



129.2100, 10.0780, 48.6540



113.0150, 23.1480, 32.0440



71.4070, 0.4120, 3.5480



45.2620, 13.4680, 64.3160



4.1730, 1.1910, 5.9510

Inverse Universe

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



109.0250, 34.3830, 21.1590



130.3420, 52.9040, 32.4240



127.9850, -23.1480, -32.0440



71.6200, 4.1260, 2.3180



46.7620, 69.6370, 43.0530



4.3430, 6.4640, 4.0000

Previews

White Background



This preview shows how the YIQ color 108.2180, 6.4590, 31.6350 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 108.2180, 6.4590, 31.6350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

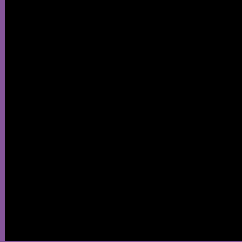
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 108.2180, 6.4590, 31.6350

Background



This preview shows how black text looks on a background with the YIQ color 108.2180, 6.4590, 31.6350.

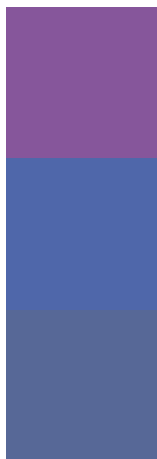


This preview shows how white text looks on a background with the YIQ color 108.2180, 6.4590,

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

108.2180, 6.4590, 31.6350

Protanopia

103.4620, -35.8110, 15.7490

Deuteranopia

104.2750, -25.2190, 11.0130



Tritanopia

106.5830, 14.7160, 8.6360

Trichromacy



Original Color

108.2180, 6.4590, 31.6350

Protanomaly

105.3500, -20.6360, 21.5720

Deuteranomaly

105.3630, -13.4830, 18.5890

Tritanomaly

107.1840, 11.8260, 16.9620

Monochromacy



Original Color

108.2180, 6.4590, 31.6350

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

107.9330, 2.1070, 11.3790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.2180, 6.4590, 31.6350 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(134, 86, 155)` looks like.

```
.text, #text, p{  
    color:rgb(134, 86, 155)  
}
```

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(134, 86, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 86, 155) }
```

Border

The CSS property to change the border of an element to YIQ 108.2180, 6.4590, 31.6350 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(134, 86, 155) }
```


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

```
.border{ border-color:rgb(134, 86, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 86, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 86, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 86, 155);  
box-shadow:4px 4px 4px 4px rgb(134, 86,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 108.2180, 6.4590, 31.6350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 86, 155) }
```

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

```
.background{ background-color: rgb(134, 86,  
155) }
```

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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