

Converting Colors

YIQ(107.2950, -9.6350, 36.9650)

Have a look what the booklet for
YIQ(107.2950, -9.6350, 36.9650)
contains.

YIQ(107.2950, -9.6350, 36.9650)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(107.2950, -9.6350,
36.9650)**

Conversions

Conversions Part 1

Format	Color
Hex	7956B5
RGB	121, 86, 181
RGB Percent	47%, 34%, 71%
CMY	0.5253, 0.6628, 0.2903
CMYK	0.33, 0.52, 0.00, 0.29
HSL	262°, 39%, 52%
HSV	262°, 52%, 71%
XYZ	19.5544, 14.0559, 45.3831
YIQ	107.2950, -9.6350, 36.9650

Conversions

Conversions Part 2

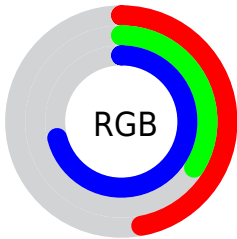
Format	Color
R _Y B	121, 86, 181
Decimal	7952053
CIE Lab	44.31, 35.20, -45.41
CIE LCh	44, 57.455, 307.782
Yxy	14.0559, 0.2475, 0.1779
Android (android.graphics.Color)	4286142133 (0xFF7956B5)
YUV	107.2950, 36.3366, 12.0193
Hunter-Lab	37.4912, 27.4916, -45.5269

Details

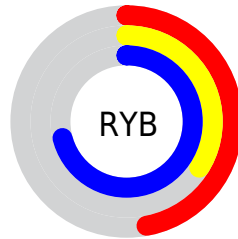
The YIQ color $107.2950, -9.6350, 36.9650$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $159.7050, 9.6350, -36.9650$, and the grayscale version is $107.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $160.0610, -8.8560, 39.3680$, and $57.7030, -10.9640, 33.5160$ is the 20% darker color. If you saturate the color by 10%, you get $93.4400, -11.2410, 44.0470$, and if you desaturate by 10%, it is $121.1500, -8.0290, 29.8830$.

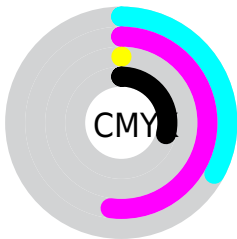
Distribution



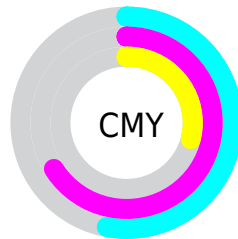
- Red (47%)
- Green (34%)
- Blue (71%)



- Red (47%)
- Yellow (34%)
- Blue (71%)



- Cyan (33%)
- Magenta (52%)
- Yellow (0%)
- Black (29%)



- Cyan (53%)
- Magenta (66%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.2950, -9.6350, 36.9650 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 107.2950, -9.6350, 36.9650 by changing the saturation by 10% instead.

■ 107.2950, -9.6350,
36.9650

■ 107.2950, -9.6350,
36.9650

■ 255.0000, -0.0000,
-0.0000

■ 82.0560, -10.4600,
35.3960

■ 160.0610, -8.8560,
39.3680

■ 57.7030, -10.9640,
33.5160

■ 185.7470, -5.0960,
37.3040

■ 33.2790, -12.7060,
32.0460

■ 210.8540, 4.4880,
28.8080

■ 11.7680, -18.7570,
26.0670

■ 233.8680, 9.9000,
18.8280

■ 6.1560, -17.3340,
16.7940

■ 250.3040, 2.2000,
4.1840

■ 4.7080, -10.5010,
8.5950

■ 0.3420, -0.9630,

0.9330

■ 0.0000, 0.0000,
0.0000

■ 107.2950, -9.6350,
36.9650

■ 107.2950, -9.6350,
36.9650

■ 93.4400, -11.2410,
44.0470

■ 121.1500, -8.0290,
29.8830

■ 79.2860, -13.4430,
50.9170

■ 135.3040, -5.8270,
23.0130

■ 65.4310, -15.0490,
57.9990

■ 149.1590, -4.2210,
15.9310

■ 51.2770, -17.2510,
64.8690

■ 163.3130, -2.0190,
9.0610

■ 40.6670, -18.1690,
70.4950

■ 177.1680, -0.4130,
1.9790

■ 191.9090, 1.5140,
-5.4140

■ 205.7640, 3.1200,
-12.4960

■ 219.6190, 4.7260,
-19.5780

■ 233.7730, 6.9280,
-26.4480

Harmonies

Analogous

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



85.6090, -93.6250, 6.2390



107.2950, -9.6350, 36.9650



103.7110, 39.2840, 47.9880

Triad

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



107.2950, -9.6350, 36.9650



98.5880, 67.9050, -13.6870



87.1860, -71.8860, -29.8220

Complementary

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



107.2950, -9.6350, 36.9650



159.7050, 9.6350, -36.9650

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.



80.3120, -55.2860, -44.3260



107.2950, -9.6350, 36.9650



97.1940, 39.1150, -31.5810

Square

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



107.2950, -9.6350, 36.9650



99.0340, 73.7220, 18.5700



89.9270, -0.0380, -43.3820



91.8430, -86.3770, -14.9930

Rectangle

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



107.2950, -9.6350, 36.9650



98.6780, 61.2460, 46.4460



89.9270, -0.0380, -43.3820



85.3620, -66.7500, -34.7980

Sweetspot

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



107.2950, -9.6350, 36.9650



205.5180, -3.8540, 14.7860



132.0500, -46.9950, -1.8350



99.9000, -2.2940, 8.5380



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



107.2950, -9.6350, 36.9650



120.0180, -15.3240, 57.4760



121.3480, 18.3770, 46.9290



82.2220, -0.5050, 3.6470



34.1860, -15.7370, 59.4550



5.6550, -2.9820, 9.9940

Inverse Universe

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



121.2450, 37.3600, 38.8000



141.8540, 58.3550, 60.2990



145.6520, -18.3770, -46.9290



83.3750, 3.4380, 3.7740



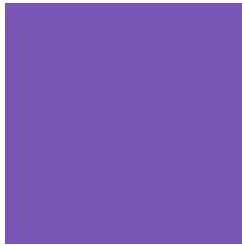
56.8050, 60.0510, 62.6030



9.5980, 10.3600, 10.4880

Previews

White Background



This preview shows how the YIQ color 107.2950, -9.6350, 36.9650 looks on a white background.

Color Contrast Check

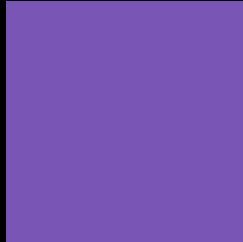
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.2950, -9.6350, 36.9650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

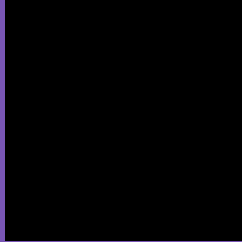
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

YIQ 107.2950, -9.6350, 36.9650

Background



This preview shows how black text looks on a background with the YIQ color 107.2950, -9.6350, 36.9650.



This preview shows how white text looks on a background with the YIQ color 107.2950, -9.6350,

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

107.2950, -9.6350, 36.9650

Protanopia

98.4780, -59.1030, 19.3690

Deuteranopia

98.8450, -53.1870, 11.2690



Tritanopia

105.1080, -0.1840, 3.3360

Trichromacy



Original Color

107.2950, -9.6350, 36.9650

Protanomaly

101.4480, -41.2230, 25.7290

Deuteranomaly

102.0260, -37.2790, 20.3290

Tritanomaly

105.9310, -3.5790, 15.3090

Monochromacy



Original Color

107.2950, -9.6350, 36.9650

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

106.8770, -3.4870, 13.6410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.2950, -9.6350, 36.9650 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(121, 86, 181)` looks like.

```
.text, #text, p{  
    color:rgb(121, 86, 181)  
}
```

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(121, 86, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 86, 181) }
```

Border

The CSS property to change the border of an element to YIQ 107.2950, -9.6350, 36.9650 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(121, 86, 181) }
```


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

```
.border{ border-color:rgb(121, 86, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 86, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 86, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 86, 181);  
box-shadow:4px 4px 4px 4px rgb(121, 86,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 107.2950, -9.6350, 36.9650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 86, 181) }
```

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

```
.background{ background-color: rgb(121, 86,  
181) }
```

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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