

Converting Colors

YIQ(109.2300, -28.2050,
43.1150)

Have a look what the booklet for
YIQ(109.2300, -28.2050, 43.1150)
contains.

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Color

**YIQ(109.2300, -28.2050,
43.1150)**

Conversions

Conversions Part 1

Format	Color
Hex	6D59D6
RGB	109, 89, 214
RGB Percent	43%, 35%, 84%
CMY	0.5724, 0.6510, 0.1610
CMYK	0.49, 0.58, 0.00, 0.16
HSL	250°, 60%, 59%
HSV	250°, 58%, 84%
XYZ	22.0131, 15.2490, 65.3658
YIQ	109.2300, -28.2050, 43.1150

Conversions

Conversions Part 2

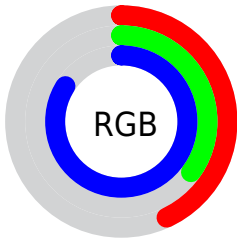
Format	Color
R _Y B	109, 89, 214
Decimal	7166422
CIE Lab	45.97, 39.93, -61.87
CIE LCh	46, 73.634, 302.839
Yxy	15.2490, 0.2145, 0.1486
Android (android.graphics.Color)	4285356502 (0xFF6D59D6)
YUV	109.2300, 51.6516, -0.2017
Hunter-Lab	39.0499, 32.2861, -71.9108

Details

The YIQ color **109.2300, -28.2050, 43.1150** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **193.7700, 28.2050, -43.1150**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **161.1830, -20.8230, 41.4890**, and **56.7190, -34.2560, 37.1360** is the 20% darker color. If you saturate the color by 10%, you get **91.5210, -33.1580, 50.2820**, and if you desaturate by 10%, it is **126.9390, -23.2520, 35.9480**.

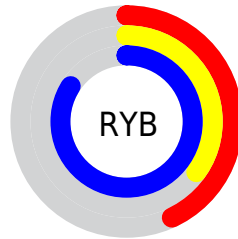
Distribution



Red (43%)

Green (35%)

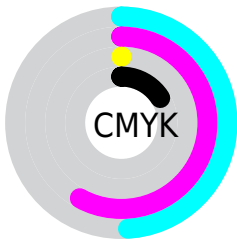
Blue (84%)



Red (43%)

Yellow (35%)

Blue (84%)

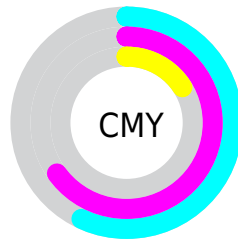


Cyan (49%)

Magenta (58%)

Yellow (0%)

Black (16%)



Cyan (57%)

Magenta (65%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.2300, -28.2050, 43.1150 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 109.2300, -28.2050, 43.1150 by changing the saturation by 10% instead.

■ 109.2300,
-28.2050, 43.1150

■ 109.2300,
-28.2050, 43.1150

■ 255.0000, -0.0000,
-0.0000

■ 82.9800, -30.4970,
40.5990

■ 161.1830,
-20.8230, 41.4890

■ 56.7190, -34.2560,
37.1360

■ 185.1160,
-10.6890, 34.0390

■ 26.6740, -47.5510,
30.2810

■ 210.5220, -0.5090,
25.7550

■ 11.9700, -33.7050,
32.6550

■ 235.6290, 9.0750,
17.2590

■ 9.1200, -25.6800,
24.8800

■ 252.6520, 1.1000,
2.0920

■ 9.3190, -19.3510,
14.8010

■ 5.0500, -11.4640,

9.5280

■ 0.9120, -2.5680,
2.4880

■ 0.0000, 0.0000,
0.0000

■ 109.2300,
-28.2050, 43.1150

■ 109.2300,
-28.2050, 43.1150

■ 91.5210, -33.1580,
50.2820

■ 126.9390,
-23.2520, 35.9480

■ 73.2250, -37.8360,
57.9720

■ 145.2350,
-18.5740, 28.2580

■ 55.5160, -42.7890,
65.1390

■ 162.9440,
-13.6210, 21.0910

■ 37.2200, -47.4670,
72.8290

■ 181.2400, -8.9430,
13.4010

■ 34.5620, -48.4300,
73.7620

■ 198.9490, -3.9900,
6.2340

■ 216.6580, 0.9630,
-0.9330

■ 234.9540, 5.6410,
-8.6230

■ 249.7280, 11.9690,
-13.1750

■ 250.3260, 13.1610,
-12.7510

Harmonies

Analogous

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



94.1810, -106.7390, 12.6290



109.2300, -28.2050, 43.1150



103.0020, 43.4990, 65.2190

Triad

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



109.2300, -28.2050, 43.1150



101.0460, 81.4750, -6.3090



91.5400, -73.1230, -34.9390

Complementary

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



109.2300, -28.2050, 43.1150



193.7700, 28.2050, -43.1150

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.



82.2550, -51.1120, -53.8960



109.2300, -28.2050, 43.1150



102.2550, 46.3130, -29.8710

Square

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



109.2300, -28.2050, 43.1150



92.9650, 96.5060, 35.1780



91.3260, 2.8520, -51.7080



98.6080, -93.0250, -15.6570

Rectangle

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



109.2300, -28.2050, 43.1150



85.3610, 79.3970, 75.4370



91.3260, 2.8520, -51.7080



89.1460, -66.3820, -41.4700

Sweetspot

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



109.2300, -28.2050, 43.1150



216.3370, -10.5940, 15.7900



165.4720, -69.2750, -16.5630



103.8010, -6.3290, 10.0790



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



109.2300, -28.2050, 43.1150



105.6640, -40.4500, 61.2940



127.4690, 8.1510, 56.0470



97.8520, -2.3390, 3.8450



27.5670, -38.7990, 58.9050



6.9950, -9.6310, 14.8570

Inverse Universe

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



138.3450, 40.7950, 59.1550



147.2080, 58.2590, 84.0750



175.5310, -8.1510, -56.0470



100.3150, 3.6670, 5.1310



67.4310, 56.0130, 80.7250



16.9610, 14.0720, 20.3120

Previews

White Background



This preview shows how the YIQ color 109.2300, -28.2050, 43.1150 looks on a white background.

Color Contrast Check

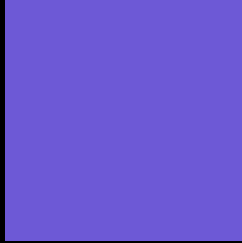
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.2300, -28.2050, 43.1150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

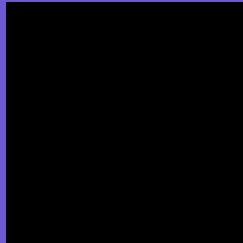
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 109.2300, -28.2050, 43.1150

Background



This preview shows how black text looks on a background with the YIQ color 109.2300, -28.2050, 43.1150.



This preview shows how white text looks on a background with the YIQ color 109.2300, -28.2050,

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

109.2300, -28.2050, 43.1150

Protanopia

87.0570, -100.4580, 14.4380

Deuteranopia

87.2730, -92.7990, 2.2810



Tritanopia

105.4580, -21.9610, -3.9850

Trichromacy



Original Color

109.2300, -28.2050, 43.1150



Protanomaly

95.1530, -74.0050, 25.1230



Deuteranomaly

95.3350, -69.0060, 17.1220



Tritanomaly

106.9270, -24.1190, 13.1050

Monochromacy



Original Color

109.2300, -28.2050, 43.1150



Achromatopsia

109.0000, -0.0000, 0.0000



Achromatomaly

109.2230, -10.2730, 15.4790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.2300, -28.2050, 43.1150 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(109, 89, 214)` looks like.

```
.text, #text, p{  
    color:rgb(109, 89, 214)  
}
```

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(109, 89, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 89, 214) }
```

Border

The CSS property to change the border of an element to YIQ 109.2300, -28.2050, 43.1150 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(109, 89, 214) }
```


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

```
.border{ border-color:rgb(109, 89, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 89, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 89, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 89, 214);  
box-shadow:4px 4px 4px 4px rgb(109, 89,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 109.2300, -28.2050, 43.1150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 89, 214) }
```

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

```
.background{ background-color: rgb(109, 89,  
214) }
```

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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