

Converting Colors

YIQ(112.4360, 30.1130, 54.5050)

Have a look what the booklet for
YIQ(112.4360, 30.1130, 54.5050)
contains.

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Color

**YIQ(112.4360, 30.1130,
54.5050)**

Conversions

Conversions Part 1

Format	Color
Hex	AF45AC
RGB	175, 69, 172
RGB Percent	69%, 27%, 67%
CMY	0.3134, 0.7296, 0.3254
CMYK	0.00, 0.61, 0.02, 0.31
HSL	302°, 43%, 48%
HSV	302°, 61%, 69%
XYZ	27.2701, 16.3530, 40.7540
YIQ	112.4360, 30.1130, 54.5050

Conversions

Conversions Part 2

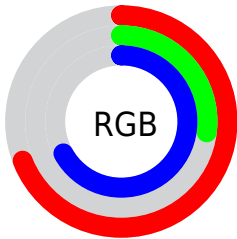
Format	Color
R_{YB}	175, 69, 172
Decimal	11486636
CIE _{Lab}	47.43, 56.35, -34.76
CIE _{LCh}	47, 66.213, 328.329
Yxy	16.3530, 0.3232, 0.1938
Android (android.graphics.Color)	4289676716 (0xFFAF45AC)
YUV	112.4360, 29.3651, 54.8686
Hunter-Lab	40.4389, 49.6039, -31.4448

Details

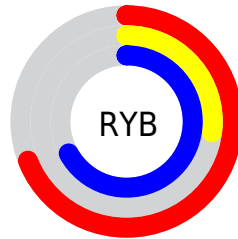
The YIQ color **112.4360, 30.1130, 54.5050** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **131.5640, -30.1130, -54.5050**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4470, 31.5800, 55.4520**, and **49.1470, 32.7250, 62.2370** is the 20% darker color. If you saturate the color by 10%, you get **101.8700, 35.0630, 63.9190**, and if you desaturate by 10%, it is **122.5290, 25.1170, 45.9250**.

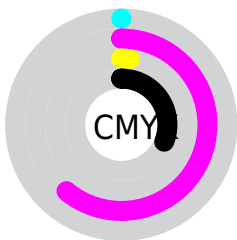
Distribution



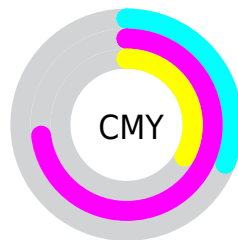
- Red (69%)
- Green (27%)
- Blue (67%)



- Red (69%)
- Yellow (27%)
- Blue (67%)



- Cyan (0%)
- Magenta (61%)
- Yellow (2%)
- Black (31%)



- Cyan (31%)
- Magenta (73%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.4360, 30.1130, 54.5050 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 112.4360, 30.1130, 54.5050 by changing the saturation by 10% instead.

112.4360, 30.1130,
54.5050

112.4360, 30.1130,
54.5050

255.0000, -0.0000,
-0.0000

83.9630, 30.0670,
55.3390

168.4470, 31.5800,
55.4520

49.1470, 32.7250,
62.2370

193.9520, 28.6000,
54.3920

38.2240, 24.6580,
48.7380

210.3880, 20.9000,
39.7480

27.7140, 16.8660,
35.7620

227.4110, 12.9250,
24.5810

17.9160, 9.9450,
23.5210

244.4340, 4.9500,
9.4140

2.8500, -8.0250,
7.7750

0.0000, 0.0000,

0.0000

■ 112.4360, 30.1130,
54.5050

■ 112.4360, 30.1130,
54.5050

■ 101.8700, 35.0630,
63.9190

■ 122.5290, 25.1170,
45.9250

■ 91.7770, 40.0590,
72.4990

■ 133.0950, 20.1670,
36.5110

■ 81.0970, 45.3300,
81.6020

■ 143.1880, 15.1710,
27.9310

■ 71.7050, 49.7300,
89.9700

■ 153.7540, 10.2210,
18.5170

■ 164.4340, 4.9500,
9.4140

■ 174.4130, 0.2750,
0.5230

■ 185.0930, -4.9960,
-8.5800

■ 195.0720, -9.6710,
-17.4710

■ 205.7520,
-14.9420, -26.5740

Harmonies

Analogous

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



112.1810, -35.6770, 35.3550



112.4360, 30.1130, 54.5050



101.4610, 72.5230, 56.8350

Triad

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



112.4360, 30.1130, 54.5050



105.5440, 52.8690, -27.5390



99.1150, -90.3190, -20.6470

Complementary

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



112.4360, 30.1130, 54.5050



131.5640, -30.1130, -54.5050

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.



92.7310, -72.3430, -38.0630



112.4360, 30.1130, 54.5050



97.9040, 15.9640, -47.0440

Square

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



112.4360, 30.1130, 54.5050



104.2420, 83.8590, -5.4610



83.6570, -52.3040, -54.3200



101.0820, -102.7470, -4.6590

Rectangle

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



112.4360, 30.1130, 54.5050



100.4880, 85.0880, 43.8720



83.6570, -52.3040, -54.3200



97.0630, -84.5410, -26.2450

Sweetspot

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



112.4360, 30.1130, 54.5050



202.8190, 11.5960, 21.1320



81.6820, -32.8340, 33.3900



100.2110, 7.1960, 12.7640



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



112.4360, 30.1130, 54.5050



128.9880, 47.2550, 85.2630



106.5080, 46.8050, 38.3330



81.6030, 2.7960, 4.3960



61.4940, 42.5340, 77.2060



9.3850, 6.6460, 11.7180

Inverse Universe

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



112.4360, 30.1130, 54.5050



128.9880, 47.2550, 85.2630



137.4920, -46.8050, -38.3330



81.6030, 2.7960, 4.3960



61.4940, 42.5340, 77.2060



9.3850, 6.6460, 11.7180

Previews

White Background



This preview shows how the YIQ color 112.4360, 30.1130, 54.5050 looks on a white background.

Color Contrast Check

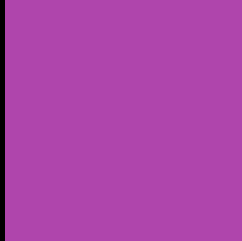
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.4360, 30.1130, 54.5050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

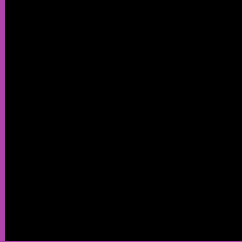
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 112.4360, 30.1130, 54.5050

Background



This preview shows how black text looks on a background with the YIQ color 112.4360, 30.1130, 54.5050.



This preview shows how white text looks on a background with the YIQ color 112.4360, 30.1130,

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

112.4360, 30.1130, 54.5050

Protanopia

106.9340, -60.3870, 20.6130

Deuteranopia

112.0620, -28.9330, 12.2430



Tritanopia

113.5220, 43.0490, 18.2890

Trichromacy



Original Color

112.4360, 30.1130, 54.5050



Protanomaly

108.9060, -27.6530, 33.1070



Deuteranomaly

111.9820, -7.6160, 27.9040



Tritanomaly

112.8010, 38.3700, 31.5060

Monochromacy



Original Color

112.4360, 30.1130, 54.5050



Achromatopsia

112.0000, -0.0000, 0.0000



Achromatomaly

111.9930, 11.0460, 20.0860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.4360, 30.1130, 54.5050 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(175, 69, 172)` looks like.

```
.text, #text, p{  
    color:rgb(175, 69, 172)  
}
```

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(175, 69, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 69, 172) }
```

Border

The CSS property to change the border of an element to YIQ 112.4360, 30.1130, 54.5050 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(175, 69, 172) }
```


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

```
.border{ border-color:rgb(175, 69, 172) }
```

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

Here you see how a box with a 4 pixel rgb(175, 69, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 69, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 69, 172);  
box-shadow:4px 4px 4px 4px rgb(175, 69,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 112.4360, 30.1130, 54.5050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 69, 172) }
```

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

```
.background{ background-color: rgb(175, 69,  
172) }
```

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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