

Converting Colors

YIQ(114.1020, 27.4570, 36.5530)

Have a look what the booklet for
YIQ(114.1020, 27.4570, 36.5530)
contains.

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Color

**YIQ(114.1020, 27.4570,
36.5530)**

Conversions

Conversions Part 1

Format	Color
Hex	A35392
RGB	163, 83, 146
RGB Percent	64%, 33%, 57%
CMY	0.3606, 0.6746, 0.4274
CMYK	0.00, 0.49, 0.10, 0.36
HSL	313°, 33%, 48%
HSV	313°, 49%, 64%
XYZ	23.3964, 16.0499, 29.0652
YIQ	114.1020, 27.4570, 36.5530

Conversions

Conversions Part 2

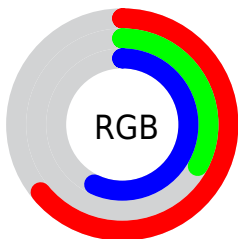
Format	Color
R _Y B	163, 83, 146
Decimal	10703762
CIE Lab	47.04, 41.63, -20.09
CIE LCh	47, 46.226, 334.245
Yxy	16.0499, 0.3415, 0.2343
Android (android.graphics.Color)	4288893842 (0xFFA35392)
YUV	114.1020, 15.7257, 42.8835
Hunter-Lab	40.0623, 34.1351, -14.9712

Details

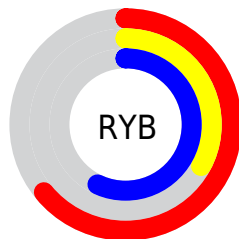
The YIQ color **114.1020, 27.4570, 36.5530** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **131.8980, -27.4570, -36.5530**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.8250, 29.7950, 38.2350**, and **62.2050, 25.6690, 35.9170** is the 20% darker color. If you saturate the color by 10%, you get **104.3680, 32.8200, 43.9880**, and if you desaturate by 10%, it is **123.8360, 22.0940, 29.1180**.

Distribution



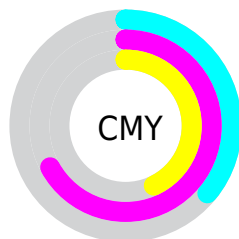
- Red (64%)
- Green (33%)
- Blue (57%)



- Red (64%)
- Yellow (33%)
- Blue (57%)



- Cyan (0%)
- Magenta (49%)
- Yellow (10%)
- Black (36%)



- Cyan (36%)
- Magenta (67%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.1020, 27.4570, 36.5530 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 114.1020, 27.4570, 36.5530 by changing the saturation by 10% instead.

■ 114.1020, 27.4570,
36.5530

■ 114.1020, 27.4570,
36.5530

■ 255.0000, -0.0000,
-0.0000

■ 88.3900, 26.5860,
35.8180

■ 167.8250, 29.7950,
38.2350

■ 62.2050, 25.6690,
35.9170

■ 195.5370, 30.6660,
38.9700

■ 32.9110, 26.6770,
39.6770

■ 216.8450, 17.8750,
33.9950

■ 22.9280, 18.8390,
27.5350

■ 233.2810, 10.1750,
19.3510

■ 13.9560, 12.4680,
16.3400

■ 250.3040, 2.2000,
4.1840

■ 0.0000, 0.0000,
0.0000

114.1020, 27.4570,
36.5530

114.1020, 27.4570,
36.5530

104.3680, 32.8200,
43.9880

123.8360, 22.0940,
29.1180

93.9330, 38.7790,
51.6350

134.2710, 16.1350,
21.4710

84.1990, 44.1420,
59.0700

144.0050, 10.7720,
14.0360

74.3510, 49.8260,
66.1940

153.8530, 5.0880,
6.9120

64.0300, 55.4640,
74.1520

164.1740, -0.5500,
-1.0460


63.3290, 56.0600,
74.3640

174.0220, -6.2340,
-8.1700

183.7560,
-11.5970, -15.6050

193.6040,

-17.2810, -22.7290

 203.9250,
-22.9190, -30.6870

Harmonies

Analogous

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



114.0570, -12.2010, 28.3990



114.1020, 27.4570, 36.5530



110.7550, 53.1790, 32.9470

Triad

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



114.1020, 27.4570, 36.5530



106.2080, 36.5000, -22.7320



93.2790, -84.9090, -19.5730

Complementary

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



114.1020, 27.4570, 36.5530



131.8980, -27.4570, -36.5530

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.



89.5340, -72.9860, -31.9140



114.1020, 27.4570, 36.5530



102.5290, 4.4990, -31.9890

Square

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



114.1020, 27.4570, 36.5530



109.0400, 55.2490, -4.5830



89.1820, -48.8680, -39.4920



93.4220, -92.2010, -8.5610

Rectangle

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



114.1020, 27.4570, 36.5530



110.1390, 60.4250, 22.7690



89.1820, -48.8680, -39.4920



92.4980, -81.3320, -23.8280

Sweetspot

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



114.1020, 27.4570, 36.5530



192.4180, 11.0470, 14.5590



96.9040, -16.1440, 28.2720



95.3910, 6.5090, 8.6930



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



114.1020, 27.4570, 36.5530



135.5470, 43.0420, 56.9780



109.6560, 39.9760, 24.4240



76.4890, 3.1170, 4.0850



56.3510, 49.8260, 66.1940



6.9780, 6.2340, 8.1700

Inverse Universe

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



114.1020, 27.4570, 36.5530



135.5470, 43.0420, 56.9780



136.3440, -39.9760, -24.4240



76.4890, 3.1170, 4.0850



56.3510, 49.8260, 66.1940



6.9780, 6.2340, 8.1700

Previews

White Background



This preview shows how the YIQ color 114.1020, 27.4570, 36.5530 looks on a white background.

Color Contrast Check

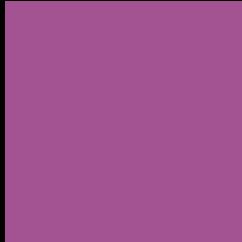
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.1020, 27.4570, 36.5530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

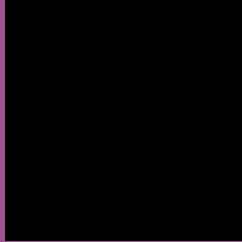
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 114.1020, 27.4570, 36.5530

Background



This preview shows how black text looks on a background with the YIQ color 114.1020, 27.4570, 36.5530.



This preview shows how white text looks on a background with the YIQ color 114.1020, 27.4570,

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

114.1020, 27.4570, 36.5530

Protanopia

111.4150, -28.4290, 14.1230

Deuteranopia

112.9360, -11.1430, 9.2170



Tritanopia

113.2330, 36.4930, 15.9570

Trichromacy



Original Color

114.1020, 27.4570, 36.5530

Protanomaly

112.1080, -8.2110, 22.1650

Deuteranomaly

113.2740, 2.8850, 19.3090

Tritanomaly

113.4210, 33.3280, 23.7600

Monochromacy



Original Color

114.1020, 27.4570, 36.5530

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.2930, 9.9010, 13.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.1020, 27.4570, 36.5530 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(163, 83, 146)` looks like.

```
.text, #text, p{  
    color:rgb(163, 83, 146)  
}
```

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(163, 83, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 83, 146) }
```

Border

The CSS property to change the border of an element to YIQ 114.1020, 27.4570, 36.5530 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(163, 83, 146) }
```


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

```
.border{ border-color:rgb(163, 83, 146) }
```

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

Here you see how a box with a 4 pixel rgb(163, 83, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 83, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 83, 146);  
box-shadow:4px 4px 4px 4px rgb(163, 83,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 114.1020, 27.4570, 36.5530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 83, 146) }
```

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

```
.background{ background-color: rgb(163, 83,  
146) }
```

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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