

Converting Colors

YIQ(142.6400, 36.9050, 19.5050)

Have a look what the booklet for
YIQ(142.6400, 36.9050, 19.5050)
contains.

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Color

**YIQ(142.6400, 36.9050,
19.5050)**

Conversions

Conversions Part 1

Format	Color
Hex	BE7887
RGB	190, 120, 135
RGB Percent	75%, 47%, 53%
CMY	0.2547, 0.5295, 0.4705
CMYK	0.00, 0.37, 0.29, 0.25
HSL	347°, 35%, 61%
HSV	347°, 37%, 75%
XYZ	32.3349, 26.1290, 26.2735
YIQ	142.6400, 36.9050, 19.5050

Conversions

Conversions Part 2

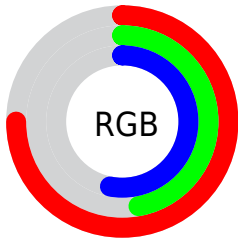
Format	Color
R_{YB}	190, 120, 135
Decimal	12482695
CIE _{Lab}	58.16, 29.39, 3.35
CIE _{LCh}	58, 29.583, 6.497
Yxy	26.1290, 0.3816, 0.3084
Android (android.graphics.Color)	4290672775 (0xFFBE7887)
YUV	142.6400, -3.7665, 41.5347
Hunter-Lab	51.1166, 23.4602, 5.3070

Details

The YIQ color **142.6400, 36.9050, 19.5050** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **167.3600, -36.9050, -19.5050**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **197.1350, 39.8850, 20.5650**, and **91.1450, 33.9250, 18.4450** is the 20% darker color. If you saturate the color by 10%, you get **129.7770, 46.9450, 24.7770**, and if you desaturate by 10%, it is **155.5030, 26.8650, 14.2330**.

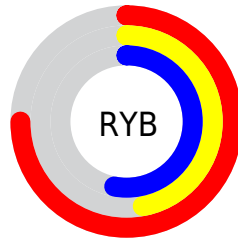
Distribution



Red (75%)

Green (47%)

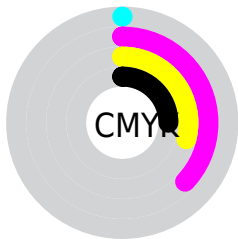
Blue (53%)



Red (75%)

Yellow (47%)

Blue (53%)

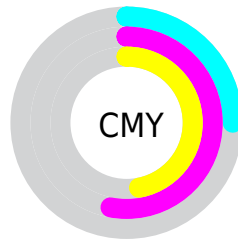


Cyan (0%)

Magenta (37%)

Yellow (29%)

Black (25%)



Cyan (25%)


Magenta (53%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.6400, 36.9050, 19.5050 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 142.6400, 36.9050, 19.5050 by changing the saturation by 10% instead.


 142.6400, 36.9050,
19.5050


 142.6400, 36.9050,
19.5050


255.0000, -0.0000,
-0.0000


 116.7430, 35.1170,
18.8690


 197.1350, 39.8850,
20.5650


 91.1450, 33.9250,
18.4450


 218.8560, 27.3690,
16.1130

 66.3620, 31.8160,
18.1200

 238.4840, 10.6810,
10.1770

 42.1060, 29.6610,
18.6290

 19.3230, 27.5520,
18.3040

 10.5790, 20.5390,
7.7310

 0.0000, 0.0000,

0.0000

■ 142.6400, 36.9050,
19.5050

■ 142.6400, 36.9050,
19.5050

■ 129.7770, 46.9450,
24.7770

■ 155.5030, 26.8650,
14.2330

■ 116.9140, 56.9850,
30.0490

■ 168.3660, 16.8250,
8.9610

■ 104.0510, 67.0250,
35.3210

■ 181.2290, 6.7850,
3.6890

■ 91.1880, 77.0650,
40.5930

■ 194.0920, -3.2550,
-1.5830

■ 78.3250, 87.1050,
45.8650

■ 206.9550,
-13.2950, -6.8550

■ 65.5760, 96.8240,
51.4480

■ 219.8180,
-23.3350, -12.1270

■ 61.4840, 100.0790,
53.0310

■ 232.5670,
-33.0540, -17.7100

■ 235.4510,
-38.4190, -14.0910

■ 235.5650,
-38.7400, -13.7800

Harmonies

Analogous

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



143.4780, 19.9860, 23.2660



142.6400, 36.9050, 19.5050



140.9530, 42.9130, 9.7370

Triad

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



142.6400, 36.9050, 19.5050



134.4230, 2.3420, -20.4260



129.7220, -57.8150, -3.9830

Complementary

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



142.6400, 36.9050, 19.5050



167.3600, -36.9050, -19.5050

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.



122.9450, -69.2290, -17.3970



142.6400, 36.9050, 19.5050



130.4830, -24.2500, -23.0820

Square

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



142.6400, 36.9050, 19.5050



137.6600, 23.8440, -13.6280



125.4660, -51.9430, -22.3030



137.7410, -32.4630, 10.1370

Rectangle

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



142.6400, 36.9050, 19.5050



140.1280, 40.6220, 1.6940



125.4660, -51.9430, -22.3030



126.7380, -63.9120, -9.1280

Sweetspot

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



142.6400, 36.9050, 19.5050



228.7570, 14.1660, 7.5900



144.4250, 10.3100, 33.4300



114.1260, 8.5730, 4.3250



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



142.6400, 36.9050, 19.5050



173.9140, 56.9850, 30.0490



152.6700, 36.2200, 4.3800



87.9190, 4.7220, 2.5300



51.1180, 83.2540, 44.0700



10.0670, 16.2290, 8.7490

Inverse Universe

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



142.6400, 36.9050, 19.5050



173.9140, 56.9850, 30.0490



157.3300, -36.2200, -4.3800



87.9190, 4.7220, 2.5300



51.1180, 83.2540, 44.0700



10.0670, 16.2290, 8.7490

Previews

White Background



This preview shows how the YIQ color 142.6400, 36.9050, 19.5050 looks on a white background.

Color Contrast Check

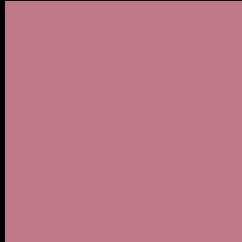
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 142.6400, 36.9050, 19.5050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

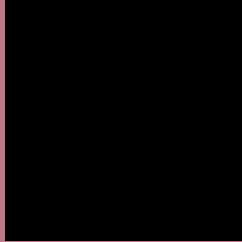
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 142.6400, 36.9050, 19.5050

Background



This preview shows how black text looks on a background with the YIQ color 142.6400, 36.9050, 19.5050.



This preview shows how white text looks on a background with the YIQ color 142.6400, 36.9050,

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

142.6400, 36.9050, 19.5050

Protanopia

140.3960, -1.0550, 2.6010

Deuteranopia

141.2360, 14.0750, 3.7310



Tritanopia

142.6570, 38.2350, 17.4270

Trichromacy



Original Color

142.6400, 36.9050, 19.5050

Protanomaly

141.2130, 12.8820, 8.8340

Deuteranomaly

142.0030, 22.2810, 9.2010

Tritanomaly

142.8850, 37.5930, 18.0490

Monochromacy



Original Color

142.6400, 36.9050, 19.5050

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

143.0450, 13.2950, 6.8550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.6400, 36.9050, 19.5050 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(190, 120, 135)` looks like.

```
.text, #text, p{  
    color:rgb(190, 120, 135)  
}
```

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(190, 120, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 120, 135) }
```

Border

The CSS property to change the border of an element to YIQ 142.6400, 36.9050, 19.5050 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(190, 120, 135) }
```


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

```
.border{ border-color:rgb(190, 120, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 120, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 120, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 120, 135); box-shadow:4px 4px 4px 4px rgb(190, 120, 135) }
```

Background

The CSS property to change the background color of an element to YIQ 142.6400, 36.9050, 19.5050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 120, 135) }
```

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

```
.background{ background-color: rgb(190,  
120, 135) }
```

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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