

Converting Colors

YIQ(146.0360, 36.9910, 50.9990)

Have a look what the booklet for
YIQ(146.0360, 36.9910, 50.9990)
contains.

YIQ(146.0360, 36.9910, 50.9990)	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(146.0360, 36.9910,
50.9990)**

Conversions

Conversions Part 1

Format	Color
Hex	D567C0
RGB	213, 103, 192
RGB Percent	84%, 40%, 75%
CMY	0.1644, 0.5962, 0.2470
CMYK	0.00, 0.52, 0.10, 0.16
HSL	311°, 57%, 62%
HSV	311°, 52%, 84%
XYZ	41.8263, 27.6562, 53.0144
YIQ	146.0360, 36.9910, 50.9990

Conversions

Conversions Part 2

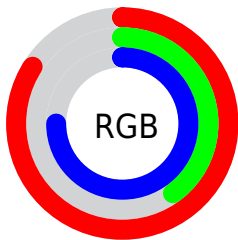
Format	Color
R _Y B	213, 103, 192
Decimal	13985728
CIE Lab	59.58, 54.55, -27.04
CIE LCh	60, 60.882, 333.636
Yxy	27.6562, 0.3414, 0.2258
Android (android.graphics.Color)	4292175808 (0xFFD567C0)
YUV	146.0360, 22.6603, 58.7274
Hunter-Lab	52.5892, 49.9373, -22.9570

Details

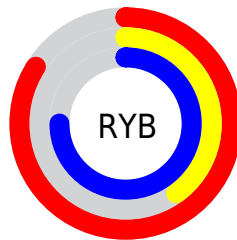
The YIQ color $146.0360, 36.9910, 50.9990$ is a light color, and the websafe version is hex $CC66CC$. A complement of this color would be $169.9640, -36.9910, -50.9990$, and the grayscale version is $146.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $197.3770, 28.6010, 48.8650$, and $90.5520, 35.4780, 50.8860$ is the 20% darker color. If you saturate the color by 10%, you get $133.2530, 44.0500, 60.7380$, and if you desaturate by 10%, it is $158.8190, 29.9320, 41.2600$.

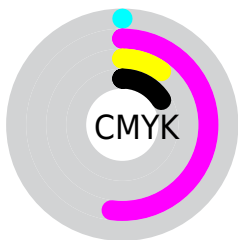
Distribution



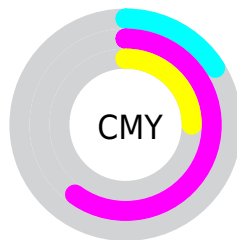
- Red (84%)
- Green (40%)
- Blue (75%)



- Red (84%)
- Yellow (40%)
- Blue (75%)



- Cyan (0%)
- Magenta (52%)
- Yellow (10%)
- Black (16%)





- Cyan (16%)
- Magenta (60%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.0360, 36.9910, 50.9990 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 146.0360, 36.9910, 50.9990 by changing the saturation by 10% instead.


 146.0360, 36.9910,
50.9990


 146.0360, 36.9910,
50.9990


255.0000, -0.0000,
-0.0000


 118.4380, 35.7990,
50.5750


 197.3770, 28.6010,
48.8650

 90.5520, 35.4780,
50.8860


 214.4970, 18.9750,
36.0870


 58.7850, 36.4400,
55.4800

 231.5200, 11.0000,
20.9200

 40.2310, 31.9480,
48.7800

 248.5430, 3.0250,
5.7530

 29.4220, 23.5600,
35.5920

 20.3360, 17.5100,
24.0860

 6.4660, 1.9240,

9.1880

■ 0.0000, 0.0000,
0.0000

■ 146.0360, 36.9910,
50.9990

■ 146.0360, 36.9910,
50.9990

■ 133.2530, 44.0500,
60.7380

■ 158.8190, 29.9320,
41.2600

■ 119.8830, 51.3840,
71.0000

■ 172.1890, 22.5980,
30.9980

■ 107.1000, 58.4430,
80.7390

■ 184.9720, 15.5390,
21.2590

■ 94.3170, 65.5020,
90.4780

■ 197.7550, 8.4800,
11.5200

■ 83.2950, 71.7360,
98.6480

■ 211.1250, 1.1460,
1.2580

■ 223.9080, -5.9130,
-8.4810

■ 236.8050,
-13.2930, -17.9090

■ 239.0220,
-15.4020, -18.2340

■ 239.4780,
-16.6860, -16.9900

Harmonies

Analogous

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



146.2710, -18.2550, 39.0010



146.0360, 36.9910, 50.9990



140.7240, 72.8000, 46.3040

Triad

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



146.0360, 36.9910, 50.9990



135.3280, 53.2370, -34.2110



121.5300, -110.7210, -25.3530

Complementary

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



146.0360, 36.9910, 50.9990



169.9640, -36.9910, -50.9990

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.



116.1890, -94.3040, -42.0480



146.0360, 36.9910, 50.9990



129.8800, 7.3440, -45.0080

Square

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



146.0360, 36.9910, 50.9990



139.4090, 76.0190, -6.5490



107.4570, -75.2280, -57.3720



121.7530, -120.9940, -9.8740

Rectangle

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



146.0360, 36.9910, 50.9990



139.6690, 82.6600, 32.8040



107.4570, -75.2280, -57.3720



120.2930, -105.8600, -30.8520

Sweetspot

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



146.0360, 36.9910, 50.9990



230.0210, 13.8430, 18.9550



121.5200, -23.3900, 38.4500



112.7550, 8.4800, 11.5200



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.



146.0360, 36.9910, 50.9990



158.8340, 53.0800, 73.3040



139.8800, 54.3250, 34.2050



100.3150, 3.6670, 5.1310



66.8610, 57.6180, 79.1700



16.8470, 14.3930, 20.0010

Inverse Universe

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



146.0360, 36.9910, 50.9990



158.8340, 53.0800, 73.3040



176.1200, -54.3250, -34.2050



100.3150, 3.6670, 5.1310



66.8610, 57.6180, 79.1700



16.8470, 14.3930, 20.0010

Previews

White Background



This preview shows how the YIQ color 146.0360, 36.9910, 50.9990 looks on a white background.

Color Contrast Check

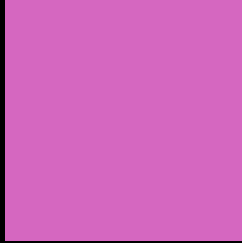
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.0360, 36.9910, 50.9990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

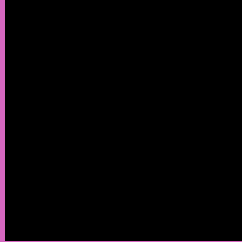
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.0360, 36.9910, 50.9990

Background



This preview shows how black text looks on a background with the YIQ color 146.0360, 36.9910, 50.9990.



This preview shows how white text looks on a background with the YIQ color 146.0360, 36.9910,

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

146.0360, 36.9910, 50.9990

Protanopia

142.4600, -41.4970, 19.6790

Deuteranopia

144.5210, -17.1040, 12.6240



Tritanopia

145.3380, 49.5590, 21.4550

Trichromacy



Original Color

146.0360, 36.9910, 50.9990



Protanomaly

143.7520, -12.6600, 31.2120



Deuteranomaly

145.0170, 2.4710, 26.8150



Tritanomaly

146.0360, 45.0180, 32.1700

Monochromacy



Original Color

146.0360, 36.9910, 50.9990



Achromatopsia

146.0000, -0.0000, -0.0000



Achromatomaly

145.7220, 13.2470, 18.7430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.0360, 36.9910, 50.9990 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(213, 103, 192)` looks like.

```
.text, #text, p{  
    color:rgb(213, 103, 192)  
}
```

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(213, 103, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 103, 192) }
```

Border

The CSS property to change the border of an element to YIQ 146.0360, 36.9910, 50.9990 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(213, 103, 192) }
```


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

```
.border{ border-color:rgb(213, 103, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 103, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 103, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 103, 192);  
box-shadow:4px 4px 4px 4px rgb(213, 103,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 146.0360, 36.9910, 50.9990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 103, 192) }
```

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

```
.background{ background-color: rgb(213,  
103, 192) }
```

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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