

Converting Colors

YIQ(145.4940, -12.4740,
16.8220)

Have a look what the booklet for
YIQ(145.4940, -12.4740, 16.8220)
contains.

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Color

**YIQ(145.4940, -12.4740,
16.8220)**

Conversions

Conversions Part 1

Format	Color
Hex	908ABC
RGB	144, 138, 188
RGB Percent	56%, 54%, 74%
CMY	0.4352, 0.4588, 0.2628
CMYK	0.23, 0.27, 0.00, 0.26
HSL	247°, 27%, 64%
HSV	247°, 27%, 74%
XYZ	29.6664, 27.7365, 51.3543
YIQ	145.4940, -12.4740, 16.8220

Conversions

Conversions Part 2

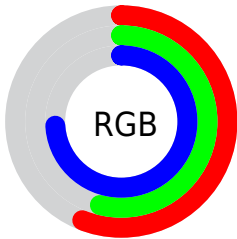
Format	Color
R_{YB}	144, 138, 188
Decimal	9472700
CIE _{Lab}	59.65, 13.09, -25.25
CIE _{LCh}	60, 28.441, 297.401
Yxy	27.7365, 0.2728, 0.2550
Android (android.graphics.Color)	4287662780 (0xFF908ABC)
YUV	145.4940, 20.9555, -1.3102
Hunter-Lab	52.6654, 8.3845, -20.9482

Details

The YIQ color $145.4940, -12.4740, 16.8220$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $180.5060, 12.4740, -16.8220$, and the grayscale version is $145.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $199.4340, -12.2450, 18.1790$, and $94.8530, -12.1070, 15.6770$ is the 20% darker color. If you saturate the color by 10%, you get $129.2580, -17.3810, 23.1550$, and if you desaturate by 10%, it is $161.7300, -7.5670, 10.4890$.

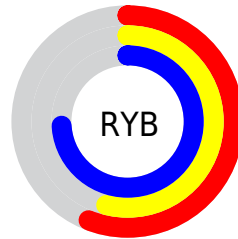
Distribution



Red (56%)

Green (54%)

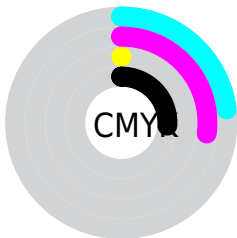
Blue (74%)



Red (56%)

Yellow (54%)

Blue (74%)

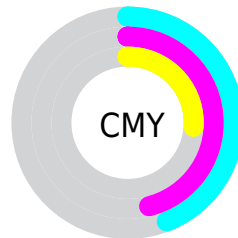


Cyan (23%)

Magenta (27%)

Yellow (0%)

Black (26%)



Cyan (44%)

Magenta (46%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.4940, -12.4740, 16.8220 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 145.4940, -12.4740, 16.8220 by changing the saturation by 10% instead.

■ 145.4940,
-12.4740, 16.8220

■ 145.4940,
-12.4740, 16.8220

■ 255.0000, -0.0000,
-0.0000

■ 119.9670,
-12.4280, 15.9880

■ 199.4340,
-12.2450, 18.1790

■ 94.8530, -12.1070,
15.6770

■ 225.4960, -6.7880,
12.8920

■ 70.9130, -12.3360,
14.3200

■ 250.8910, 1.9250,
3.6610

■ 48.0870, -12.8860,
13.2740

■ 25.8480, -13.7110,
11.7050

■ 4.4460, -12.5190,
12.1290

■ 2.5250, -5.7320,

4.7640

■ 0.0000, 0.0000,
0.0000

■ 145.4940,
-12.4740, 16.8220

■ 145.4940,
-12.4740, 16.8220

■ 129.2580,
-17.3810, 23.1550

■ 161.7300, -7.5670,
10.4890

■ 113.3210,
-21.6920, 29.7000

■ 177.6670, -3.2560,
3.9440

■ 97.6720, -26.8740,
35.5100

■ 193.3160, 1.9260,
-1.8660

■ 81.7350, -31.1850,
42.0550

■ 209.2530, 6.2370,
-8.4110

■ 65.4990, -36.0920,
48.3880

■ 225.4890, 11.1440,
-14.7440

■ 49.5620, -40.4030,
54.9330

■ 241.4260, 15.4550,
-21.2890

■ 33.3260, -45.3100,
61.2660

■ 247.3620, 21.5070,
-20.8370

■ 28.3090, -46.6400,
63.3440

Harmonies

Analogous

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



140.2840, -38.6060, 5.8260



145.4940, -12.4740, 16.8220



147.5310, 12.4670, 21.8670

Triad

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



145.4940, -12.4740, 16.8220



144.4160, 39.7510, 0.9590



131.8540, -41.3520, -21.5120

Complementary

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



145.4940, -12.4740, 16.8220



180.5060, 12.4740, -16.8220

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.



136.5010, -15.4930, -22.0930



145.4940, -12.4740, 16.8220



142.2200, 28.1990, -9.9530

Square

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



145.4940, -12.4740, 16.8220



145.5770, 41.2160, 12.9600



139.7120, 8.8980, -18.0940



128.7240, -61.2970, -17.9770

Rectangle

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



145.4940, -12.4740, 16.8220



147.2460, 26.4510, 21.7390



139.7120, 8.8980, -18.0940



133.5190, -33.0990, -22.4030

Sweetspot

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



145.4940, -12.4740, 16.8220



228.1770, -4.6320, 6.8560



169.5280, -28.1500, -7.4620



111.9660, -2.6600, 4.1560



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



145.4940, -12.4740, 16.8220



177.9960, -19.3990, 26.6890



152.9690, 2.4260, 22.1220



86.3250, -2.2930, 3.0110



23.6930, -39.3940, 53.1660



4.7300, -7.5670, 10.4890

Inverse Universe

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



157.9660, 15.6760, 24.2840



197.4870, 24.9350, 38.2070



173.0310, -2.4260, -22.1220



88.6030, 2.7960, 4.3960



63.0880, 49.5490, 76.7250



12.3470, 9.8090, 14.9690

Previews

White Background



This preview shows how the YIQ color 145.4940, -12.4740, 16.8220 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 145.4940, -12.4740, 16.8220 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 145.4940, -12.4740, 16.8220

Background



This preview shows how black text looks on a background with the YIQ color 145.4940, -12.4740, 16.8220.



This preview shows how white text looks on a background with the YIQ color 145.4940, -12.4740,

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

145.4940, -12.4740, 16.8220

Protanopia

143.9980, -22.8810, 12.6950

Deuteranopia

144.1510, -18.9380, 12.8220



Tritanopia

143.5740, -7.4280, 2.4600

Trichromacy



Original Color

145.4940, -12.4740, 16.8220

Protanomaly

144.7920, -19.3050, 13.9670

Deuteranomaly

144.7600, -16.2790, 14.1930

Tritanomaly

144.3660, -9.5380, 7.6620

Monochromacy



Original Color

145.4940, -12.4740, 16.8220

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

145.0630, -4.3110, 6.5450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.4940, -12.4740, 16.8220 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(144, 138, 188)` looks like.

```
.text, #text, p{  
    color:rgb(144, 138, 188)  
}
```

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(144, 138, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 138, 188) }
```

Border

The CSS property to change the border of an element to YIQ 145.4940, -12.4740, 16.8220 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(144, 138, 188) }
```


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

```
.border{ border-color:rgb(144, 138, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 138, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 138, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 138, 188); box-shadow:4px 4px 4px 4px rgb(144, 138, 188) }
```

Background

The CSS property to change the background color of an element to YIQ 145.4940, -12.4740, 16.8220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 138, 188) }
```

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

```
.background{ background-color: rgb(144,  
138, 188) }
```

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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