

Converting Colors

YIQ(143.8620, -16.3260,
20.5540)

Have a look what the booklet for
YIQ(143.8620, -16.3260, 20.5540)
contains.

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Color

**YIQ(143.8620, -16.3260,
20.5540)**

Conversions

Conversions Part 1

Format	Color
Hex	8D87C5
RGB	141, 135, 197
RGB Percent	55%, 53%, 77%
CMY	0.4470, 0.4706, 0.2276
CMYK	0.28, 0.31, 0.00, 0.23
HSL	246°, 35%, 65%
HSV	246°, 31%, 77%
XYZ	29.7252, 27.0211, 56.4549
YIQ	143.8620, -16.3260, 20.5540

Conversions

Conversions Part 2

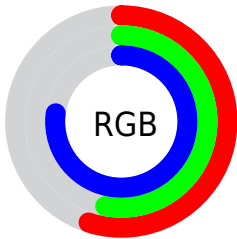
Format	Color
RYB	141, 135, 197
Decimal	9275333
CIELab	58.99, 16.14, -31.37
CIELCh	59, 35.282, 297.224
Yxy	27.0211, 0.2626, 0.2387
Android (android.graphics.Color)	4287465413 (0xFF8D87C5)
YUV	143.8620, 26.1970, -2.5100
Hunter-Lab	51.9818, 11.1050, -28.0047

Details

The YIQ color $143.8620, -16.3260, 20.5540$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $188.1380, 16.3260, -20.5540$, and the grayscale version is $144.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $197.9160, -16.4180, 22.2220$, and $92.8080, -16.2340, 18.8860$ is the 20% darker color. If you saturate the color by 10%, you get $126.7400, -21.5540, 27.1980$, and if you desaturate by 10%, it is $160.9840, -11.0980, 13.9100$.

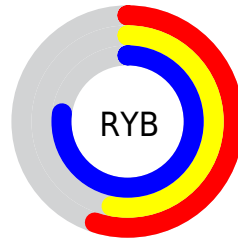
Distribution



Red (55%)

Green (53%)

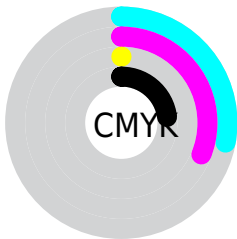
Blue (77%)



Red (55%)

Yellow (53%)

Blue (77%)

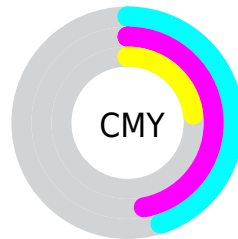


Cyan (28%)

Magenta (31%)

Yellow (0%)

Black (23%)



Cyan (45%)

Magenta (47%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 143.8620, -16.3260, 20.5540 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 143.8620, -16.3260, 20.5540 by changing the saturation by 10% instead.

■ 143.8620,
-16.3260, 20.5540

■ 143.8620,
-16.3260, 20.5540

■ 255.0000, -0.0000,
-0.0000

■ 118.3350,
-16.2800, 19.7200

■ 197.9160,
-16.4180, 22.2220

■ 92.8080, -16.2340,
18.8860

■ 222.8380, -7.7510,
13.8250

■ 68.8680, -16.4630,
17.5290

■ 247.9450, 1.8330,
5.3290

■ 45.6290, -17.2880,
15.9600

■ 22.7810, -20.7720,
13.0200

■ 5.2440, -14.7660,
14.3060

■ 3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 143.8620,
-16.3260, 20.5540

■ 143.8620,
-16.3260, 20.5540

■ 126.7400,
-21.5540, 27.1980

■ 160.9840,
-11.0980, 13.9100

■ 110.2050,
-27.0570, 33.3190

■ 177.5190, -5.5950,
7.7890

■ 93.3820, -31.6890,
40.1750

■ 194.3420, -0.9630,
0.9330

■ 76.2600, -36.9170,
46.8190

■ 211.4640, 4.2650,
-5.7110

■ 59.7250, -42.4200,
52.9400

■ 227.9990, 9.7680,
-11.8320

■ 42.6030, -47.6480,
59.5840

■ 245.1210, 14.9960,
-18.4760

■ 28.1390, -51.9130,
65.2950

■ 248.3880, 18.6180,
-18.0380

Harmonies

Analogous

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



135.7540, -51.6730, 5.8550



143.8620, -16.3260, 20.5540



146.0740, 15.4920, 27.6200

Triad

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



143.8620, -16.3260, 20.5540



142.0210, 48.2330, 1.4250



123.4280, -57.9480, -29.1160

Complementary

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



143.8620, -16.3260, 20.5540



188.1380, 16.3260, -20.5540

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.



131.8870, -19.7560, -27.4360



143.8620, -16.3260, 20.5540



139.6350, 34.1600, -13.3600

Square

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



143.8620, -16.3260, 20.5540



143.6490, 49.8810, 15.6170



137.0340, 10.6870, -22.9850



112.0120, -97.6990, -30.0750

Rectangle

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



143.8620, -16.3260, 20.5540



145.7570, 32.5020, 27.7180



137.0340, 10.6870, -22.9850



126.6700, -44.0100, -28.4100

Sweetspot

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



143.8620, -16.3260, 20.5540



235.2200, -6.1910, 7.5770



175.5270, -35.5770, -10.5290



115.3080, -3.6230, 5.0890



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.



143.8620, -16.3260, 20.5540



172.0480, -25.1770, 32.2870



152.8320, 1.5540, 26.9140



91.0260, -2.8890, 2.7990



23.3660, -42.7870, 54.0850



5.0010, -9.7680, 11.8320

Inverse Universe

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



159.9220, 18.9760, 30.5600



197.0350, 29.5640, 47.9320



179.1680, -1.5540, -26.9140



93.6030, 2.7960, 4.3960



65.4950, 49.9610, 80.2730



14.4120, 11.1840, 17.5840

Previews

White Background



This preview shows how the YIQ color 143.8620, -16.3260, 20.5540 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 143.8620, -16.3260, 20.5540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

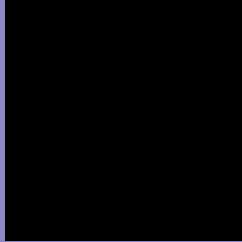
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 143.8620, -16.3260, 20.5540

Background



This preview shows how black text looks on a background with the YIQ color 143.8620, -16.3260, 20.5540.



This preview shows how white text looks on a background with the YIQ color 143.8620, -16.3260,

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

143.8620, -16.3260, 20.5540

Protanopia

141.8710, -29.7130, 15.3670

Deuteranopia

141.6000, -27.5120, 14.0240



Tritanopia

141.0790, -10.4080, 1.4000

Trichromacy



Original Color

143.8620, -16.3260, 20.5540

Protanomaly

142.6760, -24.6700, 17.5860

Deuteranomaly

142.2200, -23.3860, 16.3420

Tritanomaly

141.9250, -12.6100, 8.2700

Monochromacy



Original Color

143.8620, -16.3260, 20.5540

Achromatopsia

144.0000, -0.0000, 0.0000

Achromatomaly

144.1060, -5.8700, 7.2660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 143.8620, -16.3260, 20.5540 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(141, 135, 197)` looks like.

```
.text, #text, p{  
    color:rgb(141, 135, 197)  
}
```

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(141, 135, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 135, 197) }
```

Border

The CSS property to change the border of an element to YIQ 143.8620, -16.3260, 20.5540 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(141, 135, 197) }
```


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

```
.border{ border-color:rgb(141, 135, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 135, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 135, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 135, 197);  
box-shadow:4px 4px 4px 4px rgb(141, 135,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 143.8620, -16.3260, 20.5540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 135, 197) }
```

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

```
.background{ background-color: rgb(141,  
135, 197) }
```

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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