

Converting Colors

YIQ(145.2260, 21.1760, 34.7440)

Have a look what the booklet for
YIQ(145.2260, 21.1760, 34.7440)
contains.

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Color

**YIQ(145.2260, 21.1760,
34.7440)**

Conversions

Conversions Part 1

Format	Color
Hex	BB75B5
RGB	187, 117, 181
RGB Percent	73%, 46%, 71%
CMY	0.2665, 0.5413, 0.2902
CMYK	0.00, 0.37, 0.03, 0.27
HSL	305°, 34%, 60%
HSV	305°, 37%, 73%
XYZ	35.2057, 26.6238, 47.0041
YIQ	145.2260, 21.1760, 34.7440

Conversions

Conversions Part 2

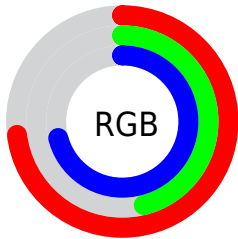
Format	Color
RYB	187, 117, 181
Decimal	12285365
CIELab	58.62, 37.43, -22.49
CIELCh	59, 43.664, 328.995
Yxy	26.6238, 0.3235, 0.2446
Android (android.graphics.Color)	4290475445 (0xFFBB75B5)
YUV	145.2260, 17.6366, 36.6358
Hunter-Lab	51.5982, 31.4944, -17.8923

Details

The YIQ color $145.2260, 21.1760, 34.7440$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $158.7740, -21.1760, -34.7440$, and the grayscale version is $145.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $199.7640, 22.5970, 36.5250$, and $92.8020, 19.4340, 33.2740$ is the 20% darker color. If you saturate the color by 10%, you get $133.8450, 27.0430, 44.0590$, and if you desaturate by 10%, it is $156.6070, 15.3090, 25.4290$.

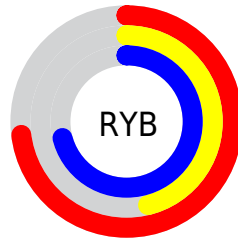
Distribution



Red (73%)

Green (46%)

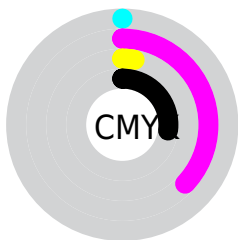
Blue (71%)



Red (73%)

Yellow (46%)

Blue (71%)

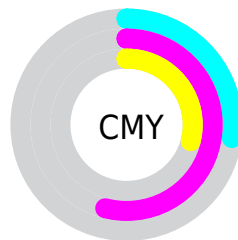


Cyan (0%)

Magenta (37%)

Yellow (3%)

Black (27%)



Cyan (27%)

Magenta (54%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.2260, 21.1760, 34.7440 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 145.2260, 21.1760, 34.7440 by changing the saturation by 10% instead.

145.2260, 21.1760,
34.7440

145.2260, 21.1760,
34.7440

255.0000, -0.0000,
-0.0000

118.5140, 20.3050,
34.0090

199.7640, 22.5970,
36.5250

92.8020, 19.4340,
33.2740

221.5410, 15.6750,
29.8110

68.0900, 18.5630,
32.5390

237.9770, 7.9750,
15.1670

42.6170, 18.5170,
33.3730

23.0140, 15.7210,
28.9770

14.6400, 10.5420,
18.2060

0.7980, -2.2470,

2.1770

■ 0.0000, 0.0000,
0.0000

■ 145.2260, 21.1760,
34.7440

■ 145.2260, 21.1760,
34.7440

■ 133.8450, 27.0430,
44.0590

■ 156.6070, 15.3090,
25.4290

■ 123.1650, 32.3140,
53.1620

■ 167.2870, 10.0380,
16.3260

■ 111.7840, 38.1810,
62.4770

■ 178.6680, 4.1710,
7.0110

■ 100.5170, 43.7270,
72.1030

■ 189.9350, -1.3750,
-2.6150

■ 89.1360, 49.5940,
81.4180

■ 201.3160, -7.2420,
-11.9300

■ 78.3420, 55.1860,
90.2100

■ 212.1100,
-12.8340, -20.7220

■ 75.4070, 56.5610,
92.8250

■ 223.3770,
-18.3800, -30.3480

■ 227.7140,
-20.9470, -33.3870

■ 227.9420,
-21.5890, -32.7650

Harmonies

Analogous

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



142.7680, -18.7570, 26.0670



145.2260, 21.1760, 34.7440



143.1890, 48.9610, 32.2970

Triad

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



145.2260, 21.1760, 34.7440



137.4090, 40.4880, -17.9120



114.0980, -100.8170, -28.6330

Complementary

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



145.2260, 21.1760, 34.7440



158.7740, -21.1760, -34.7440

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.



109.6520, -88.2980, -40.7620



145.2260, 21.1760, 34.7440



133.8180, 11.0550, -29.6570

Square

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



145.2260, 21.1760, 34.7440



140.3440, 57.4490, -0.3990



126.8810, -28.7870, -34.4750



114.4690, -108.7510, -16.9990

Rectangle

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



145.2260, 21.1760, 34.7440



141.7090, 58.8200, 24.3240



126.8810, -28.7870, -34.4750



112.7300, -96.9650, -32.3650

Sweetspot

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



145.2260, 21.1760, 34.7440



226.5100, 7.7920, 12.9760



126.7740, -18.8940, 23.0420



112.4940, 4.7210, 8.0570



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.



145.2260, 21.1760, 34.7440



176.9910, 32.8640, 54.2080



141.2360, 32.4110, 23.8590



88.7170, 2.4750, 4.7070



63.6580, 47.9440, 78.2800



12.4610, 9.4880, 15.2800

Inverse Universe

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



145.2260, 21.1760, 34.7440



176.9910, 32.8640, 54.2080



162.7640, -32.4110, -23.8590



88.7170, 2.4750, 4.7070



63.6580, 47.9440, 78.2800



12.4610, 9.4880, 15.2800

Previews

White Background



This preview shows how the YIQ color 145.2260, 21.1760, 34.7440 looks on a white background.

Color Contrast Check

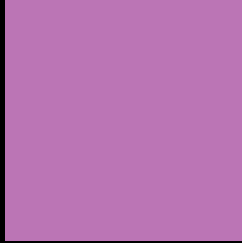
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.2260, 21.1760, 34.7440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

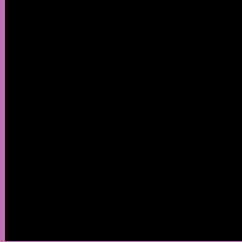
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 145.2260, 21.1760, 34.7440

Background



This preview shows how black text looks on a background with the YIQ color 145.2260, 21.1760, 34.7440.



This preview shows how white text looks on a background with the YIQ color 145.2260, 21.1760,

34.7440.

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

145.2260, 21.1760, 34.7440

Protanopia

141.2410, -27.8790, 15.1690

Deuteranopia

142.7340, -13.3900, 11.3940



Tritanopia

143.5850, 29.5700, 14.7700

Trichromacy



Original Color

145.2260, 21.1760, 34.7440



Protanomaly

142.7380, -10.0450, 22.3630



Deuteranomaly

143.5340, -0.7830, 19.7050



Tritanomaly

144.2460, 26.4510, 21.7390

Monochromacy



Original Color

145.2260, 21.1760, 34.7440



Achromatopsia

145.0000, 0.0000, -0.0000



Achromatomaly

145.0970, 7.5170, 12.4530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.2260, 21.1760, 34.7440 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(187, 117, 181)` looks like.

```
.text, #text, p{  
    color:rgb(187, 117, 181)  
}
```

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(187, 117, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 117, 181) }
```

Border

The CSS property to change the border of an element to YIQ 145.2260, 21.1760, 34.7440 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(187, 117, 181) }
```


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

```
.border{ border-color:rgb(187, 117, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 117, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 117, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 117, 181); box-shadow:4px 4px 4px 4px rgb(187, 117, 181) }
```

Background

The CSS property to change the background color of an element to YIQ 145.2260, 21.1760, 34.7440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 117, 181) }
```

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

```
.background{ background-color: rgb(187,  
117, 181) }
```

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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