

Converting Colors

YIQ(162.9320, 31.3520, 48.5680)

Have a look what the booklet for
YIQ(162.9320, 31.3520, 48.5680)
contains.

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Color

**YIQ(162.9320, 31.3520,
48.5680)**

Conversions

Conversions Part 1

Format	Color
Hex	DF7BD3
RGB	223, 123, 211
RGB Percent	87%, 48%, 83%
CMY	0.1252, 0.5178, 0.1725
CMYK	0.00, 0.45, 0.05, 0.13
HSL	307°, 61%, 68%
HSV	307°, 45%, 87%
XYZ	49.2919, 34.5593, 65.7101
YIQ	162.9320, 31.3520, 48.5680

Conversions

Conversions Part 2

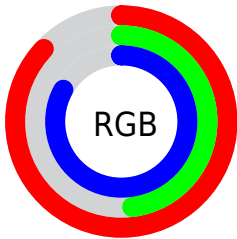
Format	Color
R _Y B	223, 123, 211
Decimal	14646227
CIE Lab	65.40, 50.83, -28.66
CIE LCh	65, 58.357, 330.584
Yxy	34.5593, 0.3296, 0.2311
Android (android.graphics.Color)	4292836307 (0xFFDF7BD3)
YUV	162.9320, 23.6975, 52.6796
Hunter-Lab	58.7871, 46.7914, -25.1212

Details

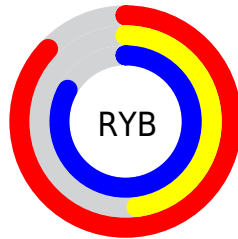
The YIQ color **162.9320, 31.3520, 48.5680** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **183.0680, -31.3520, -48.5680**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **209.8010, 21.1750, 40.2710**, and **108.5080, 29.6100, 47.0980** is the 20% darker color. If you saturate the color by 10%, you get **149.6760, 38.3650, 59.1410**, and if you desaturate by 10%, it is **176.1880, 24.3390, 37.9950**.

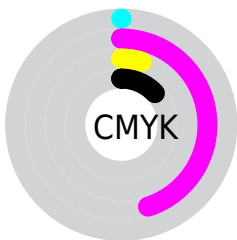
Distribution



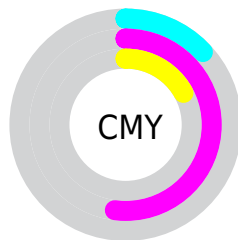
- Red (87%)
- Green (48%)
- Blue (83%)



- Red (87%)
- Yellow (48%)
- Blue (83%)



- Cyan (0%)
- Magenta (45%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (52%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 162.9320, 31.3520, 48.5680 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 162.9320, 31.3520, 48.5680 by changing the saturation by 10% instead.

162.9320, 31.3520,
48.5680

162.9320, 31.3520,
48.5680

255.0000, -0.0000,
-0.0000

135.2200, 30.4810,
47.8330

209.8010, 21.1750,
40.2710

108.5080, 29.6100,
47.0980

226.2370, 13.4750,
25.6270

80.7360, 28.9680,
47.7200

243.2600, 5.5000,
10.4600

49.2680, 30.5260,
52.5260

34.5350, 24.9800,
42.9000

24.1390, 16.8670,
30.2350

14.4550, 9.6250,

18.3050

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,
0.0000

■ 162.9320, 31.3520,
48.5680

■ 162.9320, 31.3520,
48.5680

■ 149.6760, 38.3650,
59.1410

■ 176.1880, 24.3390,
37.9950

■ 135.9470, 45.3320,
70.5480

■ 189.9170, 17.3720,
26.5880

■ 122.6910, 52.3450,
81.1210

■ 203.1730, 10.3590,
16.0150

■ 109.4350, 59.3580,
91.6940

■ 216.4290, 3.3460,
5.4420

95.7060, 66.3250,
103.1010

230.1580, -3.6210,
-5.9650

89.0210, 69.9920,
108.2320

242.2400,
-10.0840, -15.4920

242.5820,
-11.0470, -14.5590

242.9240,
-12.0100, -13.6260

243.1520,
-12.6520, -13.0040

Harmonies

Analogous

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



161.6400, -23.8480, 35.7360



162.9320, 31.3520, 48.5680



158.7450, 68.3070, 45.1310

Triad

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



162.9320, 31.3520, 48.5680



152.4300, 53.1900, -27.8500



131.4750, -118.0560, -30.0880

Complementary

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



162.9320, 31.3520, 48.5680



183.0680, -31.3520, -48.5680

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.



126.0200, -101.3180, -47.0940



162.9320, 31.3520, 48.5680



147.2120, 12.3410, -41.9550

Square

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



162.9320, 31.3520, 48.5680



155.9300, 76.1100, -2.6900



134.3740, -49.8290, -49.6130



132.2850, -128.6040, -15.1320

Rectangle

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



162.9320, 31.3520, 48.5680



157.1140, 79.9090, 33.1010



134.3740, -49.8290, -49.6130



130.1240, -112.8740, -35.8980

Sweetspot

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



162.9320, 31.3520, 48.5680



235.1730, 10.3590, 16.0150



137.9880, -24.9480, 33.6440



115.3310, 6.7380, 10.0500



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.



162.9320, 31.3520, 48.5680



172.0560, 43.4070, 66.8870



157.2320, 47.4020, 33.0180



105.4290, 3.3460, 5.4420



70.2940, 55.1410, 85.5170



19.2540, 14.8050, 23.5490

Inverse Universe

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



162.9320, 31.3520, 48.5680



172.0560, 43.4070, 66.8870



188.7680, -47.4020, -33.0180



105.4290, 3.3460, 5.4420



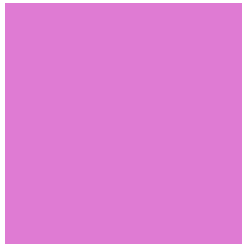
70.2940, 55.1410, 85.5170



19.2540, 14.8050, 23.5490

Previews

White Background



This preview shows how the YIQ color 162.9320, 31.3520, 48.5680 looks on a white background.

Color Contrast Check

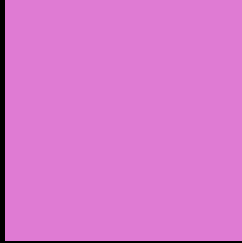
Large Text (above 18pt) WCAG AA × Fail

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 162.9320, 31.3520, 48.5680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

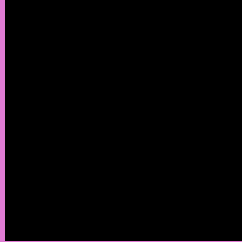
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 162.9320, 31.3520, 48.5680

Background



This preview shows how black text looks on a background with the YIQ color 162.9320, 31.3520, 48.5680.



This preview shows how white text looks on a background with the YIQ color 162.9320, 31.3520,

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

162.9320, 31.3520, 48.5680

Protanopia

158.6450, -40.5800, 19.5800

Deuteranopia

159.7920, -19.3050, 13.9670



Tritanopia

161.4620, 43.2780, 19.6460

Trichromacy



Original Color

162.9320, 31.3520, 48.5680



Protanomaly

160.4420, -14.7230, 30.0530



Deuteranomaly

161.0490, -0.5550, 26.5890



Tritanomaly

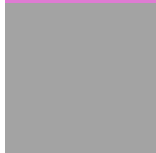
162.0460, 39.0580, 30.0500

Monochromacy



Original Color

162.9320, 31.3520, 48.5680



Achromatopsia

163.0000, -0.0000, -0.0000



Achromatomaly

162.7110, 11.7800, 17.7960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.9320, 31.3520, 48.5680 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(223, 123, 211)` looks like.

```
.text, #text, p{  
    color:rgb(223, 123, 211)  
}
```

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(223, 123, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 123, 211) }
```

Border

The CSS property to change the border of an element to YIQ 162.9320, 31.3520, 48.5680 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(223, 123, 211) }
```


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

```
.border{ border-color:rgb(223, 123, 211) }
```

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

Here you see how a box with a 4 pixel rgb(223, 123, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 123, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 123, 211);  
box-shadow:4px 4px 4px 4px rgb(223, 123,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 162.9320, 31.3520, 48.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 123, 211) }
```

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

```
.background{ background-color: rgb(223,  
123, 211) }
```

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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