

Converting Colors

YIQ(183.2460, 9.2560, 30.5040)

Have a look what the booklet for
YIQ(183.2460, 9.2560, 30.5040)
contains.

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Color

**YIQ(183.2460, 9.2560,
30.5040)**

Conversions

Conversions Part 1

Format	Color
Hex	D3A1E1
RGB	211, 161, 225
RGB Percent	83%, 63%, 88%
CMY	0.1724, 0.3687, 0.1177
CMYK	0.06, 0.28, 0.00, 0.12
HSL	287°, 52%, 76%
HSV	287°, 28%, 88%
XYZ	53.2070, 44.7734, 77.0696
YIQ	183.2460, 9.2560, 30.5040

Conversions

Conversions Part 2

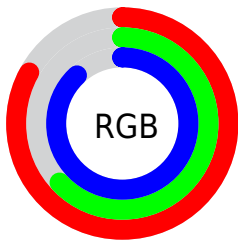
Format	Color
R _Y B	211, 161, 225
Decimal	13869537
CIE Lab	72.74, 29.57, -25.24
CIE LCh	73, 38.873, 319.520
Yxy	44.7734, 0.3040, 0.2558
Android (android.graphics.Color)	4292059617 (0xFFD3A1E1)
YUV	183.2460, 20.5847, 24.3403
Hunter-Lab	66.9129, 24.8398, -21.4506

Details

The YIQ color $183.2460, 9.2560, 30.5040$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $202.7540, -9.2560, -30.5040$, and the grayscale version is $183.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $232.1070, 10.7250, 20.3970$, and $130.0070, 8.4310, 28.9350$ is the 20% darker color. If you saturate the color by 10%, you get $168.2500, 12.6010, 41.4730$, and if you desaturate by 10%, it is $197.6550, 6.1860, 20.0580$.

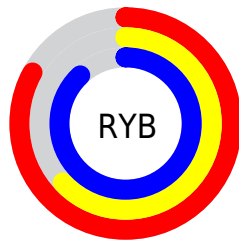
Distribution



Red (83%)

Green (63%)

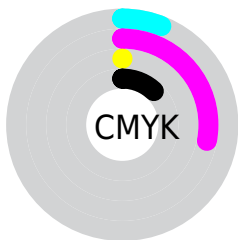
Blue (88%)



Red (83%)

Yellow (63%)

Blue (88%)

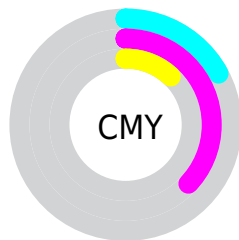


Cyan (6%)

Magenta (28%)

Yellow (0%)

Black (12%)



Cyan (17%)

Magenta (37%)


Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 183.2460, 9.2560, 30.5040 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 183.2460, 9.2560, 30.5040 by changing the saturation by 10% instead.

 183.2460, 9.2560,
30.5040


 183.2460, 9.2560,
30.5040


255.0000, -0.0000,
-0.0000


 155.8330, 8.9810,
29.9810

 232.1070, 10.7250,
20.3970


 130.0070, 8.4310,
28.9350

 249.1300, 2.7500,
5.2300

 104.1810, 7.8810,
27.8890

 79.3550, 7.3310,
26.8430

 55.5290, 6.7810,
25.7970

 32.1160, 6.5060,
25.2740

 15.1110, 4.9020,

21.3020

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 183.2460, 9.2560,
30.5040

■ 183.2460, 9.2560,
30.5040

■ 168.2500, 12.6010,
41.4730

■ 197.6550, 6.1860,
20.0580

■ 153.8410, 15.6710,
51.9190

■ 212.6510, 2.8410,
9.0890

■ 138.8450, 19.0160,
62.8880

■ 227.0600, -0.2290,
-1.3570

■ 124.4360, 22.0860,
73.3340

■ 242.0560, -3.5740,
-12.3260

109.7390, 26.0270,
84.5150

245.8990, -1.6940,
-13.3580

95.3300, 29.0970,
94.9610

247.0950, 0.6900,
-12.5100

80.3340, 32.4420,
105.9300

248.5900, 3.6700,
-11.4500

78.2740, 32.6710,
107.2870

250.0850, 6.6500,
-10.3900

251.5800, 9.6300,
-9.3300

Harmonies

Analogous

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



179.1040, -28.7510, 19.9610



183.2460, 9.2560, 30.5040



182.9860, 39.2870, 31.4070

Triad

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



183.2460, 9.2560, 30.5040



176.9630, 44.9800, -11.2120



150.5130, -94.8560, -32.0400

Complementary

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



183.2460, 9.2560, 30.5040



202.7540, -9.2560, -30.5040

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.



161.8430, -51.9870, -32.5230



183.2460, 9.2560, 30.5040



174.0690, 20.7740, -24.0740

Square

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



183.2460, 9.2560, 30.5040



179.4460, 57.4020, 5.9620



168.9000, -12.6030, -30.4190



152.5850, -103.3860, -20.6180

Rectangle

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



183.2460, 9.2560, 30.5040



181.9410, 52.3550, 25.8510



168.9000, -12.6030, -30.4190



154.8150, -81.1470, -32.6910

Sweetspot

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



183.2460, 9.2560, 30.5040



240.0040, 3.3450, 10.9690



177.1010, -24.6690, 12.0590



117.9990, 1.7410, 6.9970



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.



183.2460, 9.2560, 30.5040



198.2500, 12.6010, 41.4730



185.4940, 23.0570, 28.1850



104.9450, 1.8330, 5.3290



61.3260, 25.7520, 83.9920



16.8340, 7.2400, 22.9840

Inverse Universe

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



181.7320, 33.6500, 17.9220



196.1790, 45.7530, 24.3530



200.5060, -23.0570, -28.1850



104.5170, 5.9140, 2.9540



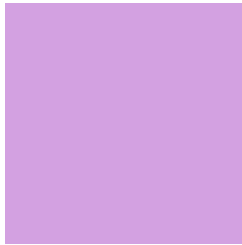
56.9560, 92.6980, 49.1300



15.6060, 25.0770, 13.5970

Previews

White Background



This preview shows how the YIQ color 183.2460, 9.2560, 30.5040 looks on a white background.

Color Contrast Check

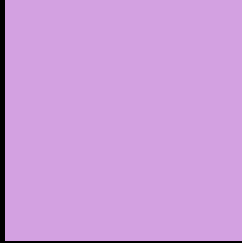
Large Text (above 18pt) WCAG AA × Fail

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 183.2460, 9.2560, 30.5040 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 183.2460, 9.2560, 30.5040

Background



This preview shows how black text looks on a background with the YIQ color 183.2460, 9.2560, 30.5040.



This preview shows how white text looks on a background with the YIQ color 183.2460, 9.2560,

30.5040.

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

183.2460, 9.2560, 30.5040

Protanopia

179.2410, -27.8790, 15.1690

Deuteranopia

180.0590, -15.6830, 14.4050



Tritanopia

181.2460, 17.2830, 11.6750

Trichromacy



Original Color

183.2460, 9.2560, 30.5040

Protanomaly

180.6450, -14.2170, 20.8790

Deuteranomaly

181.1250, -6.8810, 20.0870

Tritanomaly

181.9070, 14.1640, 18.6440

Monochromacy



Original Color

183.2460, 9.2560, 30.5040

Achromatopsia

183.0000, -0.0000, -0.0000

Achromatomaly

183.0040, 3.3450, 10.9690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.2460, 9.2560, 30.5040 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(211, 161, 225)` looks like.

```
.text, #text, p{  
    color:rgb(211, 161, 225)  
}
```

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(211, 161, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 161, 225) }
```

Border

The CSS property to change the border of an element to YIQ 183.2460, 9.2560, 30.5040 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(211, 161, 225) }
```


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

```
.border{ border-color:rgb(211, 161, 225) }
```

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

Here you see how a box with a 4 pixel rgb(211, 161, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 161, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 161, 225);  
box-shadow:4px 4px 4px 4px rgb(211, 161,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 183.2460, 9.2560, 30.5040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 161, 225) }
```

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

```
.background{ background-color: rgb(211,  
161, 225) }
```

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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