

Converting Colors

YIQ(193.0500, 6.8720, 29.6560)

Have a look what the booklet for
YIQ(193.0500, 6.8720, 29.6560)
contains.

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Color

**YIQ(193.0500, 6.8720,
29.6560)**

Conversions

Conversions Part 1

Format	Color
Hex	DAACEC
RGB	218, 172, 236
RGB Percent	85%, 67%, 93%
CMY	0.1449, 0.3255, 0.0745
CMYK	0.08, 0.27, 0.00, 0.07
HSL	283°, 63%, 80%
HSV	283°, 27%, 93%
XYZ	58.8132, 50.4648, 85.9934
YIQ	193.0500, 6.8720, 29.6560

Conversions

Conversions Part 2

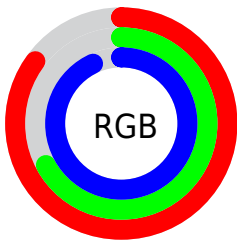
Format	Color
R _Y B	218, 172, 236
Decimal	14331116
CIE _{Lab}	76.35, 27.99, -25.64
CIE _{LCh}	76, 37.961, 317.515
Y _{xy}	50.4648, 0.3012, 0.2584
Android (android.graphics.Color)	4292521196 (0xFFDAACEC)
Y _{UV}	193.0500, 21.1743, 21.8811
Hunter-Lab	71.0386, 23.4634, -22.0445

Details

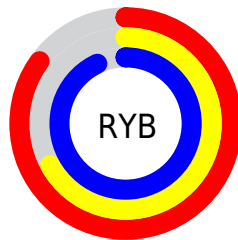
The YIQ color **193.0500, 6.8720, 29.6560** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **214.9500, -6.8720, -29.6560**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.1510, 7.4250, 14.1210**, and **138.8110, 6.0470, 28.0870** is the 20% darker color. If you saturate the color by 10%, you get **176.8690, 9.3000, 40.7240**, and if you desaturate by 10%, it is **209.2310, 4.4440, 18.5880**.

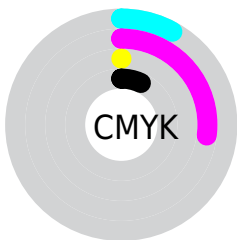
Distribution



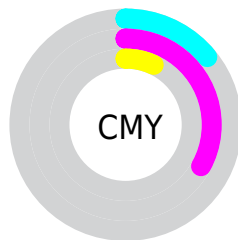
- Red (85%)
- Green (67%)
- Blue (93%)



- Red (85%)
- Yellow (67%)
- Blue (93%)



- Cyan (8%)
- Magenta (27%)
- Yellow (0%)
- Black (7%)



- Cyan (14%)
- Magenta (33%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.0500, 6.8720, 29.6560 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 193.0500, 6.8720, 29.6560 by changing the saturation by 10% instead.


 193.0500, 6.8720,
29.6560


 193.0500, 6.8720,
29.6560

255.0000, -0.0000,
-0.0000


 165.6370, 6.5970,
29.1330


 239.1510, 7.4250,
14.1210

 138.8110, 6.0470,
28.0870

 113.2840, 6.0930,
27.2530

 88.4580, 5.5430,
26.2070

 64.6320, 4.9930,
25.1610

 40.9200, 4.1220,
24.4260

 18.3930, 4.1680,

23.5920

■ 6.4530, -5.2290,
12.1710

■ 0.5700, -1.6050,
1.5550

■ 193.0500, 6.8720,
29.6560

■ 193.0500, 6.8720,
29.6560

■ 176.8690, 9.3000,
40.7240

■ 209.2310, 4.4440,
18.5880

■ 161.5740, 12.0490,
51.4810

■ 224.5260, 1.6950,
7.8310

■ 145.3930, 14.4770,
62.5490

■ 240.7070, -0.7330,
-3.2370

■ 130.0980, 17.2260,
73.3060

■ 249.8440, 0.1390,
-8.0290

■ 113.9170, 19.6540,
84.3740

■ 251.6380, 3.7150,
-6.7570

■ 97.7360, 22.0820,
95.4420

■ 252.8340, 6.0990,
-5.9090

■ 82.4410, 24.8310,
106.1990

■ 77.7340, 25.5640,
109.4360

Harmonies

Analogous

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



188.7940, -30.8140, 18.8020



193.0500, 6.8720, 29.6560



193.2030, 37.1780, 31.0820

Triad

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



193.0500, 6.8720, 29.6560



187.2020, 45.8050, -9.6430



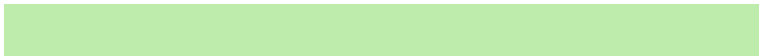
164.9550, -84.3570, -29.5810

Complementary

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



193.0500, 6.8720, 29.6560



214.9500, -6.8720, -29.6560

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.



172.8220, -47.4940, -31.3500



193.0500, 6.8720, 29.6560



184.0800, 22.2410, -23.1270

Square

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



193.0500, 6.8720, 29.6560



189.3860, 57.6310, 7.3190



179.0960, -10.2190, -29.5710



166.1300, -94.6750, -18.7950

Rectangle

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



193.0500, 6.8720, 29.6560



191.3860, 49.6040, 26.1480



179.0960, -10.2190, -29.5710



167.4740, -72.7570, -30.5570

Sweetspot

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



193.0500, 6.8720, 29.6560



241.4660, 1.9240, 9.1880



189.8620, -25.4940, 10.4900



119.1730, 1.1910, 5.9510



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.



193.0500, 6.8720, 29.6560



198.5160, 8.7960, 38.8440



196.8360, 22.0940, 29.1180



109.6460, 1.2370, 5.1170



59.5040, 19.3790, 83.8510



17.8170, 5.9100, 25.0620

Inverse Universe

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



193.1880, 32.3660, 19.1660



198.7380, 42.6810, 24.9610



211.1640, -22.0940, -29.1180



109.6310, 5.5930, 3.2650



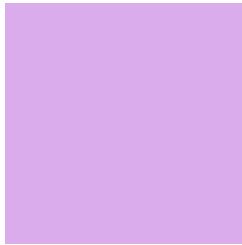
59.9330, 91.5050, 54.2330



17.8560, 27.3690, 16.1130

Previews

White Background



This preview shows how the YIQ color 193.0500, 6.8720, 29.6560 looks on a white background.

Color Contrast Check

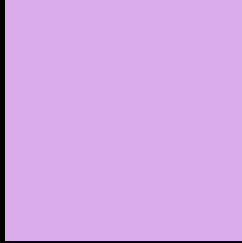
Large Text (above 18pt) WCAG AA × Fail

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 193.0500, 6.8720, 29.6560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

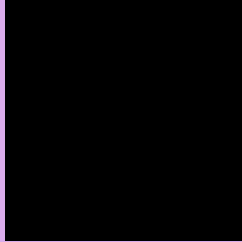
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.0500, 6.8720, 29.6560

Background



This preview shows how black text looks on a background with the YIQ color 193.0500, 6.8720, 29.6560.



This preview shows how white text looks on a background with the YIQ color 193.0500, 6.8720,

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

193.0500, 6.8720, 29.6560

Protanopia

188.6540, -27.6040, 15.6920

Deuteranopia

190.2870, -16.3250, 15.0270



Tritanopia

191.1640, 14.5780, 11.1380

Trichromacy



Original Color

193.0500, 6.8720, 29.6560

Protanomaly

190.3460, -14.8130, 20.6670

Deuteranomaly

191.0540, -8.1190, 20.4970

Tritanomaly

191.7110, 11.7800, 17.7960

Monochromacy



Original Color

193.0500, 6.8720, 29.6560

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

192.8190, 2.4280, 11.0680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.0500, 6.8720, 29.6560 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(218, 172, 236)` looks like.

```
.text, #text, p{  
    color:rgb(218, 172, 236)  
}
```

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(218, 172, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 172, 236) }
```

Border

The CSS property to change the border of an element to YIQ 193.0500, 6.8720, 29.6560 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(218, 172, 236) }
```


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

```
.border{ border-color:rgb(218, 172, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 172, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 172, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 172, 236);  
box-shadow:4px 4px 4px 4px rgb(218, 172,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 193.0500, 6.8720, 29.6560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 172, 236) }
```

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

```
.background{ background-color: rgb(218,  
172, 236) }
```

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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