

Converting Colors

YIQ(207.6040, -6.9720, 16.2280)

Have a look what the booklet for
YIQ(207.6040, -6.9720, 16.2280)
contains.

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Color

**YIQ(207.6040, -6.9720,
16.2280)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C7F3
RGB	211, 199, 243
RGB Percent	83%, 78%, 95%
CMY	0.1725, 0.2196, 0.0471
CMYK	0.13, 0.18, 0.00, 0.05
HSL	256°, 65%, 87%
HSV	256°, 18%, 95%
XYZ	63.4656, 61.1657, 93.2427
YIQ	207.6040, -6.9720, 16.2280

Conversions

Conversions Part 2

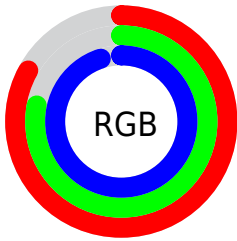
Format	Color
R _Y B	211, 199, 243
Decimal	13879283
CIE _{Lab}	82.47, 12.59, -20.15
CIE _{LCh}	82, 23.763, 301.999
Y _{xy}	61.1657, 0.2913, 0.2807
Android (android.graphics.Color)	4292069363 (0xFFD3C7F3)
Y _{UV}	207.6040, 17.4502, 2.9783
Hunter-Lab	78.2085, 7.9866, -15.9415

Details

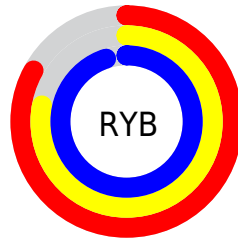
The YIQ color $207.6040, -6.9720, 16.2280$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $234.3960, 6.9720, -16.2280$, and the grayscale version is $207.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $153.0770, -6.9260, 15.3940$ is the 20% darker color. If you saturate the color by 10%, you get $188.1340, -11.1000, 24.9640$, and if you desaturate by 10%, it is $227.0740, -2.8440, 7.4920$.

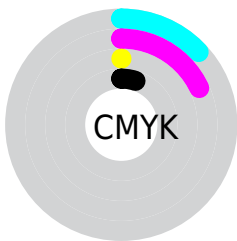
Distribution



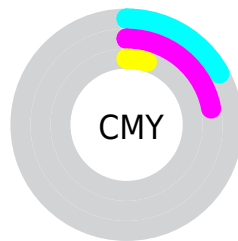
- Red (83%)
- Green (78%)
- Blue (95%)



- Red (83%)
- Yellow (78%)
- Blue (95%)



- Cyan (13%)
- Magenta (18%)
- Yellow (0%)
- Black (5%)



- Cyan (17%)
- Magenta (22%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 207.6040, -6.9720, 16.2280 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 207.6040, -6.9720, 16.2280 by changing the saturation by 10% instead.

■ 207.6040, -6.9720,
16.2280

■ 207.6040, -6.9720,
16.2280

255.0000, -0.0000,
-0.0000

■ 180.1910, -7.2470,
15.7050

■ 153.0770, -6.9260,
15.3940

■ 126.9630, -6.6050,
15.0830

■ 102.0230, -6.8340,
13.7260

■ 77.9090, -6.5130,
13.4150

■ 55.0830, -7.0630,
12.3690

■ 33.4420, -6.6960,

11.2240

■ 9.5180, -3.8540,
14.7860

■ 2.4110, -5.4110,
4.4530

■ 207.6040, -6.9720,
16.2280

■ 207.6040, -6.9720,
16.2280

■ 188.1340,
-11.1000, 24.9640

■ 227.0740, -2.8440,
7.4920

■ 168.3760,
-14.3570, 34.4350

■ 246.8320, 0.4130,
-1.9790

■ 148.9060,
-18.4850, 43.1710

■ 253.6320, 3.8520,
-3.7320

■ 129.4360,
-22.6130, 51.9070

■ 110.2650,
-26.1450, 60.8550

■ 90.2080, -29.9980,
70.1140

■ 70.7380, -34.1260,
78.8500

■ 51.5670, -37.6580,
87.7980

■ 47.4360, -38.6670,
89.5650

Harmonies

Analogous

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



204.0140, -28.9780, 7.5500



207.6040, -6.9720, 16.2280



209.1460, 14.9890, 20.2130

Triad

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



207.6040, -6.9720, 16.2280



206.4370, 35.2580, -0.2140



196.5990, -36.0800, -17.9360

Complementary

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



207.6040, -6.9720, 16.2280



234.3960, 6.9720, -16.2280

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.



198.8970, -16.5480, -19.4920



207.6040, -6.9720, 16.2280



204.1810, 23.9350, -9.7690

Square

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



207.6040, -6.9720, 16.2280



208.0280, 38.3280, 10.2320



201.4990, 5.1840, -16.8640



196.1280, -47.6350, -12.2670

Rectangle

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



207.6040, -6.9720, 16.2280



209.2520, 26.3140, 18.7140



201.4990, 5.1840, -16.8640



197.1820, -30.5320, -19.3640

Sweetspot

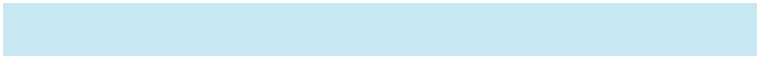
The Sweet Spot groups the original color and five complimentary colors.



207.6040, -6.9720, 16.2280



244.6780, -1.7890, 4.8910



222.8000, -22.9240, -3.0520



121.5100, -1.3760, 2.9120



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.



207.6040, -6.9720, 16.2280



209.8690, -9.0360, 20.5960



214.1820, 6.1400, 20.8920



112.5640, -1.4680, 4.5800



36.4530, -29.3100, 68.6580



11.5100, -9.4030, 21.7410

Inverse Universe

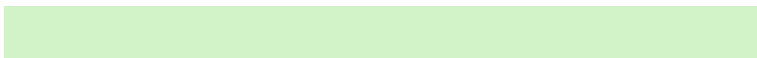
The Inverse Universe completely reimagines the original color for something new.



215.8040, 15.9520, 19.2800



220.4180, 20.2150, 24.6230



227.8180, -6.1400, -20.8920



114.6140, 4.2630, 5.3430



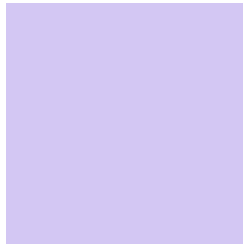
71.0040, 67.5210, 81.4170



22.5430, 21.3610, 25.8810

Previews

White Background



This preview shows how the YIQ color 207.6040, -6.9720, 16.2280 looks on a white background.

Color Contrast Check

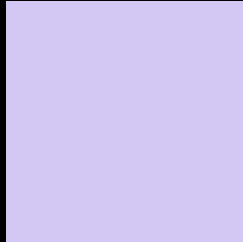
Large Text (above 18pt) WCAG AA × Fail

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 207.6040, -6.9720, 16.2280 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 207.6040, -6.9720, 16.2280

Background



This preview shows how black text looks on a background with the YIQ color 207.6040, -6.9720, 16.2280.



This preview shows how white text looks on a background with the YIQ color 207.6040, -6.9720,

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

207.6040, -6.9720, 16.2280

Protanopia

205.8090, -17.9750, 11.8890

Deuteranopia

206.9950, -9.6310, 14.8570



Tritanopia

206.0200, -2.7520, 5.8240

Trichromacy



Original Color

207.6040, -6.9720, 16.2280

Protanomaly

206.6030, -14.3990, 13.1610

Deuteranomaly

207.2940, -9.0350, 15.0690

Tritanomaly

206.7580, -4.7700, 9.3580

Monochromacy



Original Color

207.6040, -6.9720, 16.2280

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

208.0200, -2.7520, 5.8240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 207.6040, -6.9720, 16.2280 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, 199, 243)` looks like.

```
.text, #text, p{  
    color:rgb(211, 199, 243)  
}
```

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, 199, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 199, 243) }
```

Border

The CSS property to change the border of an element to YIQ 207.6040, -6.9720, 16.2280 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, 199, 243) }
```


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

```
.border{ border-color:rgb(211, 199, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 199, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 199, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 199, 243);  
box-shadow:4px 4px 4px 4px rgb(211, 199,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 207.6040, -6.9720, 16.2280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 199, 243) }
```

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

```
.background{ background-color: rgb(211,  
199, 243) }
```

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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