

Converting Colors

YIQ(217.0260, 6.2790, 12.8630)

Have a look what the booklet for
YIQ(217.0260, 6.2790, 12.8630)
contains.

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Color

**YIQ(217.0260, 6.2790,
12.8630)**

Conversions

Conversions Part 1

Format	Color
Hex	E7CFE8
RGB	231, 207, 232
RGB Percent	91%, 81%, 91%
CMY	0.0940, 0.1883, 0.0902
CMYK	0.00, 0.11, 0.00, 0.09
HSL	298°, 35%, 86%
HSV	298°, 11%, 91%
XYZ	69.8371, 67.4391, 85.6812
YIQ	217.0260, 6.2790, 12.8630

Conversions

Conversions Part 2

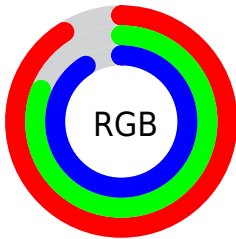
Format	Color
R_{YB}	231, 207, 232
Decimal	15192040
CIE _{Lab}	85.73, 12.71, -9.26
CIE _{LCh}	86, 15.726, 323.937
Yxy	67.4391, 0.3132, 0.3025
Android (android.graphics.Color)	4293382120 (0xFFE7CFE8)
YUV	217.0260, 7.3822, 12.2552
Hunter-Lab	82.1213, 8.0865, -4.3753

Details

The YIQ color $217.0260, 6.2790, 12.8630$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $221.9740, -6.2790, -12.8630$, and the grayscale version is $217.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $162.2000, 5.7290, 11.8170$ is the 20% darker color. If you saturate the color by 10%, you get $203.2260, 12.0080, 24.6800$, and if you desaturate by 10%, it is $230.8260, 0.5500, 1.0460$.

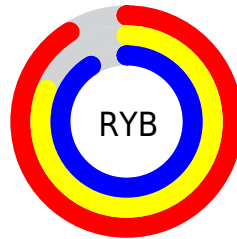
Distribution



Red (91%)

Green (81%)

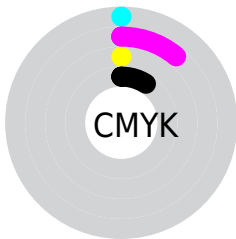
Blue (91%)



Red (91%)

Yellow (81%)

Blue (91%)

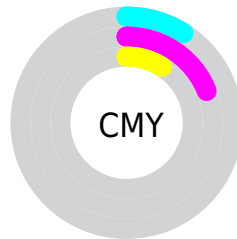


Cyan (0%)

Magenta (11%)

Yellow (0%)

Black (9%)



Cyan (9%)

Magenta (19%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.0260, 6.2790, 12.8630 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 217.0260, 6.2790, 12.8630 by changing the saturation by 10% instead.

217.0260, 6.2790,
12.8630

217.0260, 6.2790,
12.8630

255.0000, -0.0000,
-0.0000

189.0260, 6.2790,
12.8630

162.2000, 5.7290,
11.8170

136.2000, 5.7290,
11.8170

110.7870, 5.4540,
11.2940

86.3740, 5.1790,
10.7710

62.9610, 4.9040,
10.2480

40.5480, 4.6290,

9.7250

■ 19.5480, 4.6290,
9.7250

■ 0.5700, -1.6050,
1.5550

■ 217.0260, 6.2790,
12.8630

■ 217.0260, 6.2790,
12.8630

■ 203.2260, 12.0080,
24.6800

■ 230.8260, 0.5500,
1.0460

■ 189.4260, 17.7370,
36.4970

■ 244.6260, -5.1790,
-10.7710

■ 175.0390, 23.7410,
48.8370

■ 246.0990, -5.1330,
-11.6050

■ 161.2390, 29.4700,
60.6540

■ 246.3980, -4.5370,
-11.3930

147.4390, 35.1990,
72.4710

246.6970, -3.9410,
-11.1810

133.9380, 41.5240,
84.5000

246.9960, -3.3450,
-10.9690

120.1380, 47.2530,
96.3170

247.2950, -2.7490,
-10.7570

105.7510, 53.2570,
108.6570

247.5940, -2.1530,
-10.5450

93.1250, 58.4360,
119.4280

Harmonies

Analogous

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



215.6050, -8.7130, 9.2310



217.0260, 6.2790, 12.8630



217.2570, 18.7500, 12.6220

Triad

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



217.0260, 6.2790, 12.8630



214.3040, 19.3950, -4.5810



209.2890, -28.9750, -9.0310

Complementary

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



217.0260, 6.2790, 12.8630



221.9740, -6.2790, -12.8630

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.



209.3730, -20.5840, -12.4240



217.0260, 6.2790, 12.8630



212.3840, 7.2460, -10.1780

Square

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



217.0260, 6.2790, 12.8630



215.9290, 25.1250, 1.7090



210.6750, -6.8750, -13.0750



210.9780, -29.2970, -3.1930

Rectangle

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



217.0260, 6.2790, 12.8630



217.0140, 23.7480, 10.1480



210.6750, -6.8750, -13.0750



209.0180, -26.7740, -10.3740

Sweetspot

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



217.0260, 6.2790, 12.8630



250.3040, 2.2000, 4.1840



210.4370, -8.3000, 7.2520



124.1790, 1.0540, 2.9260



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.



217.0260, 6.2790, 12.8630



235.3300, 8.4790, 17.0470



216.0710, 10.4060, 9.6540



107.6570, 2.7040, 6.0640



71.5350, 44.4570, 91.9210



20.4650, 12.8330, 26.2490

Inverse Universe

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



214.5890, 14.5790, 5.6110



231.9810, 19.3470, 7.3070



222.9290, -10.4060, -9.6540



106.7020, 6.8310, 2.8550



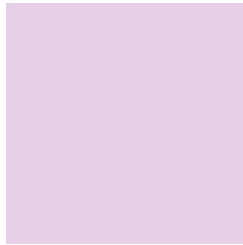
54.3190, 104.4370, 40.1250



15.4770, 29.7540, 11.4340

Previews

White Background



This preview shows how the YIQ color 217.0260, 6.2790, 12.8630 looks on a white background.

Color Contrast Check

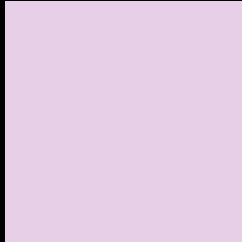
Large Text (above 18pt) WCAG AA × Fail

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 217.0260, 6.2790, 12.8630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

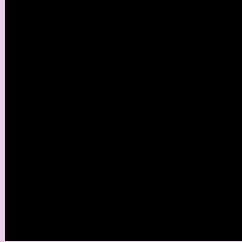
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.0260, 6.2790, 12.8630

Background



This preview shows how black text looks on a background with the YIQ color 217.0260, 6.2790, 12.8630.



This preview shows how white text looks on a background with the YIQ color 217.0260, 6.2790,

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

217.0260, 6.2790, 12.8630

Protanopia

215.3230, -7.9790, 6.9410

Deuteranopia

216.4170, 3.6200, 11.4920



Tritanopia

216.5160, 7.6550, 9.9510

Trichromacy



Original Color

217.0260, 6.2790, 12.8630

Protanomaly

216.1280, -2.9360, 9.1600

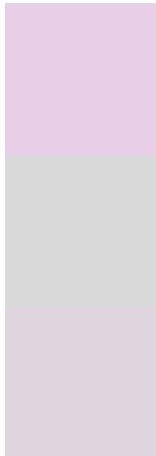
Deuteranomaly

216.7160, 4.2160, 11.7040

Tritanomaly

216.8580, 6.6920, 10.8840

Monochromacy



Original Color

217.0260, 6.2790, 12.8630

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

216.7170, 2.4750, 4.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.0260, 6.2790, 12.8630 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(231, 207, 232)` looks like.

```
.text, #text, p{  
    color:rgb(231, 207, 232)  
}
```

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(231, 207, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 207, 232) }
```

Border

The CSS property to change the border of an element to YIQ 217.0260, 6.2790, 12.8630 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(231, 207, 232) }
```


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

```
.border{ border-color:rgb(231, 207, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 207, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 207, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 207, 232);  
box-shadow:4px 4px 4px 4px rgb(231, 207,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 217.0260, 6.2790, 12.8630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 207, 232) }
```

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

```
.background{ background-color: rgb(231,  
207, 232) }
```

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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