

Converting Colors

YIQ(185.5680, 20.2130, 35.6770)

Have a look what the booklet for
YIQ(185.5680, 20.2130, 35.6770)
contains.

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Color

**YIQ(185.5680, 20.2130,
35.6770)**

Conversions

Conversions Part 1

Format	Color
Hex	E39DE0
RGB	227, 157, 224
RGB Percent	89%, 62%, 88%
CMY	0.1096, 0.3844, 0.1215
CMYK	0.00, 0.31, 0.01, 0.11
HSL	303°, 56%, 75%
HSV	303°, 31%, 89%
XYZ	57.2029, 45.8258, 76.3565
YIQ	185.5680, 20.2130, 35.6770

Conversions

Conversions Part 2

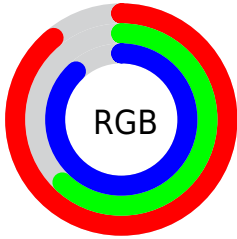
Format	Color
R _Y B	227, 157, 224
Decimal	14917088
CIE Lab	73.43, 36.66, -23.49
CIE LCh	73, 43.544, 327.347
Yxy	45.8258, 0.3189, 0.2555
Android (android.graphics.Color)	4293107168 (0xFFE39DE0)
YUV	185.5680, 18.9470, 36.3359
Hunter-Lab	67.6947, 32.3688, -19.4900

Details

The YIQ color **185.5680, 20.2130, 35.6770** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **198.4320, -20.2130, -35.6770**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.7590, 11.8250, 22.4890**, and **131.4430, 19.0670, 34.4190** is the 20% darker color. If you saturate the color by 10%, you get **171.9530, 26.8590, 47.3950**, and if you desaturate by 10%, it is **199.1830, 13.5670, 23.9590**.

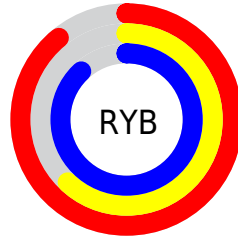
Distribution



Red (89%)

Green (62%)

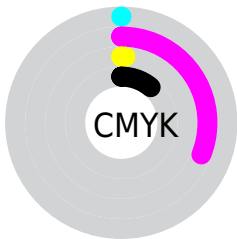
Blue (88%)



Red (89%)

Yellow (62%)

Blue (88%)

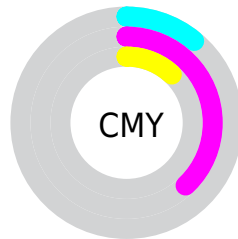


Cyan (0%)

Magenta (31%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (38%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.5680, 20.2130, 35.6770 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 185.5680, 20.2130, 35.6770 by changing the saturation by 10% instead.

185.5680, 20.2130,
35.6770

185.5680, 20.2130,
35.6770

255.0000, -0.0000,
-0.0000

158.1550, 19.9380,
35.1540

229.7590, 11.8250,
22.4890

131.4430, 19.0670,
34.4190

246.7820, 3.8500,
7.3220

105.3180, 17.9210,
33.1610

80.4920, 17.3710,
32.1150

55.3070, 16.4540,
32.2140

28.6600, 16.9580,
34.0940

17.9870, 11.1830,

23.1110

■ 5.1280, -2.9360,
9.1600

■ 0.0000, 0.0000,
0.0000

■ 185.5680, 20.2130,
35.6770

■ 185.5680, 20.2130,
35.6770

■ 171.9530, 26.8590,
47.3950

■ 199.1830, 13.5670,
23.9590

■ 158.9250, 33.2300,
58.5900

■ 212.2110, 7.1960,
12.7640

■ 145.3100, 39.8760,
70.3080

■ 225.8260, 0.5500,
1.0460

■ 131.6950, 46.5220,
82.0260

■ 239.4410, -6.0960,
-10.6720

118.0800, 53.1680,
93.7440

243.6640, -8.3420,
-14.0220

105.0520, 59.5390,
104.9390

243.7780, -8.6630,
-13.7110

92.6110, 65.6350,
115.6110

243.8920, -8.9840,
-13.4000

244.0060, -9.3050,
-13.0890

244.1200, -9.6260,
-12.7780

Harmonies

Analogous

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



182.5120, -20.9120, 26.5760



185.5680, 20.2130, 35.6770



184.3140, 50.1070, 33.5550

Triad

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



185.5680, 20.2130, 35.6770



177.7900, 43.7890, -17.1630



142.6110, -124.6110, -37.9470

Complementary

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



185.5680, 20.2130, 35.6770



198.4320, -20.2130, -35.6770

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.



155.2790, -76.8820, -38.4020



185.5680, 20.2130, 35.6770



173.4870, 13.4850, -29.6430

Square

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



185.5680, 20.2130, 35.6770



180.4370, 61.6210, 1.0850



167.3220, -25.7150, -35.0830



143.2100, -133.1870, -25.6910

Rectangle

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



185.5680, 20.2130, 35.6770



181.8340, 59.9660, 25.5820



167.3220, -25.7150, -35.0830



141.1290, -120.4380, -41.9900

Sweetspot

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



185.5680, 20.2130, 35.6770



241.3850, 6.6460, 11.7180



165.5780, -21.2780, 22.1940



119.0810, 4.4460, 7.5340



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.



185.5680, 20.2130, 35.6770



199.3660, 27.1340, 47.9180



181.6920, 31.1270, 25.1030



107.8420, 3.6210, 5.9650



73.0150, 51.7930, 91.1290



20.8350, 14.6670, 26.0510

Inverse Universe

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



185.5680, 20.2130, 35.6770



199.3660, 27.1340, 47.9180



202.3080, -31.1270, -25.1030



107.8420, 3.6210, 5.9650



73.0150, 51.7930, 91.1290



20.8350, 14.6670, 26.0510

Previews

White Background



This preview shows how the YIQ color 185.5680, 20.2130, 35.6770 looks on a white background.

Color Contrast Check

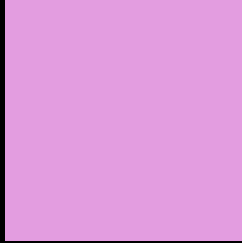
Large Text (above 18pt) WCAG AA × Fail

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 185.5680, 20.2130, 35.6770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

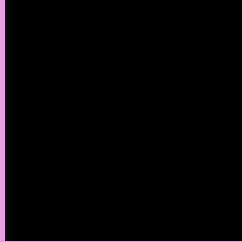
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 185.5680, 20.2130, 35.6770

Background



This preview shows how black text looks on a background with the YIQ color 185.5680, 20.2130, 35.6770.



This preview shows how white text looks on a background with the YIQ color 185.5680, 20.2130,

35.6770.

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

185.5680, 20.2130, 35.6770

Protanopia

181.4690, -28.5210, 15.7910

Deuteranopia

182.2010, -13.2070, 13.5850



Tritanopia

183.9270, 28.6070, 15.7030

Trichromacy



Original Color

185.5680, 20.2130, 35.6770

Protanomaly

182.9660, -10.6870, 22.9850

Deuteranomaly

183.5880, -0.8750, 21.3730

Tritanomaly

184.5880, 25.4880, 22.6720

Monochromacy



Original Color

185.5680, 20.2130, 35.6770

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

185.6240, 7.4710, 13.2870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.5680, 20.2130, 35.6770 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(227, 157, 224)` looks like.

```
.text, #text, p{  
    color:rgb(227, 157, 224)  
}
```

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(227, 157, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 157, 224) }
```

Border

The CSS property to change the border of an element to YIQ 185.5680, 20.2130, 35.6770 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(227, 157, 224) }
```


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

```
.border{ border-color:rgb(227, 157, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 157, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 157, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 157, 224);  
box-shadow:4px 4px 4px 4px rgb(227, 157,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 185.5680, 20.2130, 35.6770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 157, 224) }
```

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

```
.background{ background-color: rgb(227,  
157, 224) }
```

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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