

Converting Colors

YIQ(176.3170, 1.3260, 20.0300)

Have a look what the booklet for
YIQ(176.3170, 1.3260, 20.0300)
contains.

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Color

**YIQ(176.3170, 1.3260,
20.0300)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA3D1
RGB	190, 163, 209
RGB Percent	75%, 64%, 82%
CMY	0.2548, 0.3608, 0.1804
CMYK	0.09, 0.22, 0.00, 0.18
HSL	275°, 33%, 73%
HSV	275°, 22%, 82%
XYZ	45.8440, 41.7437, 65.9577
YIQ	176.3170, 1.3260, 20.0300

Conversions

Conversions Part 2

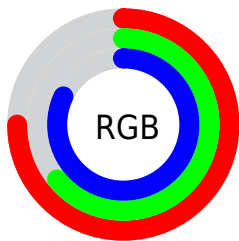
Format	Color
RYB	190, 163, 209
Decimal	12493777
CIELab	70.69, 18.44, -19.75
CIELCh	71, 27.022, 313.029
Yxy	41.7437, 0.2986, 0.2719
Android (android.graphics.Color)	4290683857 (0xFFBEA3D1)
YUV	176.3170, 16.1127, 12.0000
Hunter-Lab	64.6093, 13.5895, -15.3008

Details

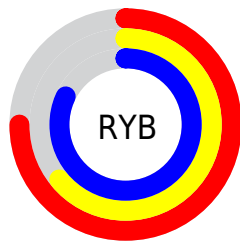
The YIQ color **176.3170, 1.3260, 20.0300** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **195.6830, -1.3260, -20.0300**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.8890, 5.4070, 17.6550**, and **123.3770, 1.0970, 18.6730** is the 20% darker color. If you saturate the color by 10%, you get **161.2990, 1.7370, 29.1050**, and if you desaturate by 10%, it is **191.3350, 0.9150, 10.9550**.

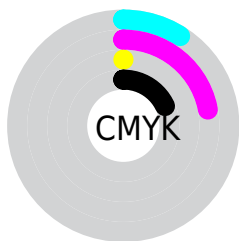
Distribution



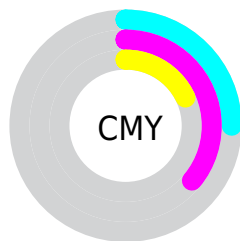
- Red (75%)
- Green (64%)
- Blue (82%)



- Red (75%)
- Yellow (64%)
- Blue (82%)



- Cyan (9%)
- Magenta (22%)
- Yellow (0%)
- Black (18%)




- Cyan (25%)
- Magenta (36%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 176.3170, 1.3260, 20.0300 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 176.3170, 1.3260, 20.0300 by changing the saturation by 10% instead.

 176.3170, 1.3260,
20.0300

 176.3170, 1.3260,
20.0300


255.0000, -0.0000,
-0.0000

 149.7900, 1.3720,
19.1960


 230.8890, 5.4070,
17.6550


 123.3770, 1.0970,
18.6730

 250.3040, 2.2000,
4.1840

 98.8500, 1.1430,
17.8390

 74.4370, 0.8680,
17.3160

 51.6110, 0.3180,
16.2700

 29.7850, -0.2320,
15.2240

 10.5680, 1.8770,

15.5490

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,
0.0000

■ 176.3170, 1.3260,
20.0300

■ 176.3170, 1.3260,
20.0300

■ 161.2990, 1.7370,
29.1050

■ 191.3350, 0.9150,
10.9550

■ 146.5800, 2.7440,
38.3920

■ 206.0540, -0.0920,
1.6680

■ 131.5620, 3.1550,
47.4670

■ 221.0720, -0.5030,
-7.4070

■ 116.8430, 4.1620,
56.7540

■ 235.7910, -1.5100,
-16.6940

101.8250, 4.5730,
65.8290

243.1780, 1.6540,
-18.9700

87.3940, 4.7090,
74.3810

245.8690, 7.0180,
-17.0620

72.6750, 5.7160,
83.6680

248.2610, 11.7860,
-15.3660

60.6030, 6.2190,
91.0750

249.7560, 14.7660,
-14.3060

Harmonies

Analogous

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



173.1010, -24.6690, 12.0590



176.3170, 1.3260, 20.0300



177.2780, 23.4250, 21.5130

Triad

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



176.3170, 1.3260, 20.0300



173.0900, 34.6170, -5.1190



161.4280, -48.7800, -19.0520

Complementary

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



176.3170, 1.3260, 20.0300



195.6830, -1.3260, -20.0300

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.



164.2700, -27.9640, -21.8520



176.3170, 1.3260, 20.0300



170.7950, 19.0300, -14.4900

Square

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



176.3170, 1.3260, 20.0300



174.7740, 41.8590, 6.8110



167.7860, -3.1140, -20.6660



162.2780, -56.8050, -11.2770

Rectangle

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



176.3170, 1.3260, 20.0300



176.5580, 34.2000, 18.9680



167.7860, -3.1140, -20.6660



162.3100, -42.6360, -20.2680

Sweetspot

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



176.3170, 1.3260, 20.0300



242.3410, 0.7780, 7.9300



179.3970, -19.9910, 4.3690



120.0480, 0.0450, 4.6930



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.



176.3170, 1.3260, 20.0300



208.1850, 2.0580, 28.7940



181.5420, 13.9340, 22.8140



97.0480, 0.0450, 4.6930



48.7530, 5.0760, 73.2360



11.8500, 1.1430, 17.8390

Inverse Universe

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



178.9200, 21.3170, 15.6610



211.8120, 30.6690, 22.3890



190.4580, -13.9340, -22.8140



97.7450, 5.2720, 3.5760



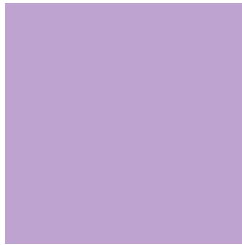
58.0980, 77.9790, 57.0750



14.1970, 18.9790, 13.9790

Previews

White Background



This preview shows how the YIQ color 176.3170, 1.3260, 20.0300 looks on a white background.

Color Contrast Check

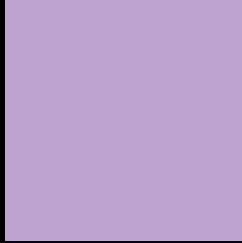
Large Text (above 18pt) WCAG AA × Fail

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 176.3170, 1.3260, 20.0300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

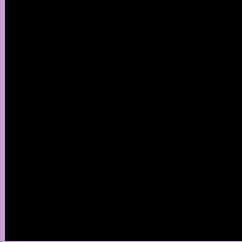
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.3170, 1.3260, 20.0300

Background



This preview shows how black text looks on a background with the YIQ color 176.3170, 1.3260, 20.0300.



This preview shows how white text looks on a background with the YIQ color 176.3170, 1.3260,

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

176.3170, 1.3260, 20.0300

Protanopia

173.6240, -18.8920, 11.9880

Deuteranopia

174.6420, -10.1350, 12.9770



Tritanopia

174.8640, 6.5550, 7.8590

Trichromacy



Original Color

176.3170, 1.3260, 20.0300

Protanomaly

174.6250, -11.4650, 15.0550

Deuteranomaly

175.2620, -6.0090, 15.2950

Tritanomaly

175.1290, 4.4910, 12.2270

Monochromacy



Original Color

176.3170, 1.3260, 20.0300

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

175.9280, 0.5030, 7.4070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.3170, 1.3260, 20.0300 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(190, 163, 209)` looks like.

```
.text, #text, p{  
    color:rgb(190, 163, 209)  
}
```

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(190, 163, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 163, 209) }
```

Border

The CSS property to change the border of an element to YIQ 176.3170, 1.3260, 20.0300 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(190, 163, 209) }
```


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

```
.border{ border-color:rgb(190, 163, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 163, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 163, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 163, 209);  
box-shadow:4px 4px 4px 4px rgb(190, 163,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 176.3170, 1.3260, 20.0300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 163, 209) }
```

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

```
.background{ background-color: rgb(190,  
163, 209) }
```

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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