

Converting Colors

YIQ(150.6060, 17.0500, 32.4260)

Have a look what the booklet for
YIQ(150.6060, 17.0500, 32.4260)
contains.

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Color

**YIQ(150.6060, 17.0500,
32.4260)**

Conversions

Conversions Part 1

Format	Color
Hex	BB7DBB
RGB	187, 125, 187
RGB Percent	73%, 49%, 73%
CMY	0.2665, 0.5099, 0.2666
CMYK	0.00, 0.33, 0.00, 0.27
HSL	300°, 31%, 61%
HSV	300°, 33%, 73%
XYZ	36.8056, 28.8195, 50.6394
YIQ	150.6060, 17.0500, 32.4260

Conversions

Conversions Part 2

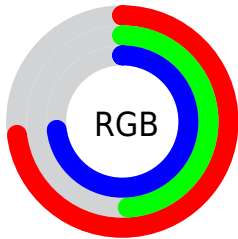
Format	Color
R _{YB}	187, 125, 187
Decimal	12287419
CIE _{Lab}	60.62, 34.17, -22.85
CIE _{LCh}	61, 41.109, 326.235
Y _{xy}	28.8195, 0.3166, 0.2479
Android (android.graphics.Color)	4290477499 (0xFFBB7DBB)
Y _{UV}	150.6060, 17.9422, 31.9175
Hunter-Lab	53.6838, 28.4330, -18.3489

Details

The YIQ color $150.6060, 17.0500, 32.4260$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $161.3940, -17.0500, -32.4260$, and the grayscale version is $150.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $205.7310, 18.1960, 33.6840$, and $98.4810, 15.9040, 31.1680$ is the 20% darker color. If you saturate the color by 10%, you get $139.4530, 22.2750, 42.3630$, and if you desaturate by 10%, it is $161.7590, 11.8250, 22.4890$.

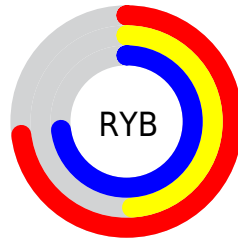
Distribution



Red (73%)

Green (49%)

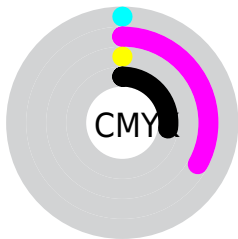
Blue (73%)



Red (73%)

Yellow (49%)

Blue (73%)

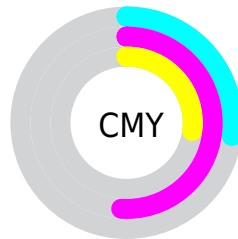


Cyan (0%)

Magenta (33%)

Yellow (0%)

Black (27%)



Cyan (27%)


Magenta (51%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 150.6060, 17.0500, 32.4260 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 150.6060, 17.0500, 32.4260 by changing the saturation by 10% instead.


 150.6060, 17.0500,
32.4260


 150.6060, 17.0500,
32.4260


255.0000, -0.0000,
-0.0000

 124.1930, 16.7750,
31.9030


 205.7310, 18.1960,
33.6840


 98.4810, 15.9040,
31.1680

 226.2370, 13.4750,
25.6270

 73.6550, 15.3540,
30.1220

 243.2600, 5.5000,
10.4600

 49.0570, 14.1620,
29.6980

 24.4700, 14.4370,
30.2210

 15.5090, 9.5330,
19.9730

 2.2970, -5.0900,

4.1420

■ 0.0000, 0.0000,
0.0000

■ 150.6060, 17.0500,
32.4260

■ 150.6060, 17.0500,
32.4260

■ 139.4530, 22.2750,
42.3630

■ 161.7590, 11.8250,
22.4890

■ 128.8870, 27.2250,
51.7770

■ 172.3250, 6.8750,
13.0750

■ 117.7340, 32.4500,
61.7140

■ 183.4780, 1.6500,
3.1380

■ 106.5810, 37.6750,
71.6510

■ 194.6310, -3.5750,
-6.7990

■ 95.4280, 42.9000,
81.5880

■ 205.7840, -8.8000,
-16.7360

■ 84.8620, 47.8500,
91.0020

■ 216.3500,
-13.7500, -26.1500

■ 77.2310, 51.4250,
97.8010

■ 226.9160,
-18.7000, -35.5640

Harmonies

Analogous

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



148.1050, -21.3240, 23.0280



150.6060, 17.0500, 32.4260



149.0960, 44.7890, 30.8130

Triad

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



150.6060, 17.0500, 32.4260



143.8760, 40.6710, -15.7210



116.4460, -101.9170, -30.7250

Complementary

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



150.6060, 17.0500, 32.4260



161.3940, -17.0500, -32.4260

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.



118.1970, -79.5870, -38.9390



150.6060, 17.0500, 32.4260



140.0680, 13.3470, -27.1410

Square

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



150.6060, 17.0500, 32.4260



146.0280, 55.5230, 1.4670



133.8710, -22.8270, -32.3550



117.4040, -110.1260, -19.6140

Rectangle

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



150.6060, 17.0500, 32.4260



147.8550, 55.4730, 24.4090



133.8710, -22.8270, -32.3550



115.6650, -98.3400, -34.9800

Sweetspot

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



150.6060, 17.0500, 32.4260



227.9120, 6.6000, 12.5520



132.0680, -19.9020, 19.2820



113.7820, 3.8500, 7.3220



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



150.6060, 17.0500, 32.4260



185.0610, 26.6750, 50.7310



147.0720, 27.0010, 22.7850



88.7170, 2.4750, 4.7070



65.2540, 43.4500, 82.6340



12.8030, 8.5250, 16.2130

Inverse Universe

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



150.6060, 17.0500, 32.4260



185.0610, 26.6750, 50.7310



164.9280, -27.0010, -22.7850



88.7170, 2.4750, 4.7070



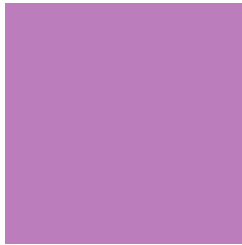
65.2540, 43.4500, 82.6340



12.8030, 8.5250, 16.2130

Previews

White Background



This preview shows how the YIQ color 150.6060, 17.0500, 32.4260 looks on a white background.

Color Contrast Check

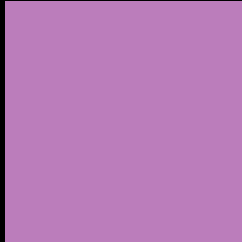
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.6060, 17.0500, 32.4260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

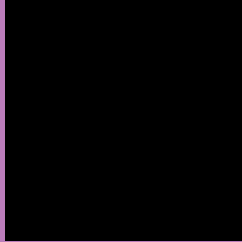
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 150.6060, 17.0500, 32.4260

Background



This preview shows how black text looks on a background with the YIQ color 150.6060, 17.0500, 32.4260.



This preview shows how white text looks on a background with the YIQ color 150.6060, 17.0500,

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

150.6060, 17.0500, 32.4260

Protanopia

147.0130, -27.2370, 14.5470

Deuteranopia

147.9620, -14.0320, 12.0160



Tritanopia

149.1930, 24.8020, 13.0740

Trichromacy



Original Color

150.6060, 17.0500, 32.4260

Protanomaly

148.6130, -11.1910, 21.1050

Deuteranomaly

148.7510, -2.8920, 19.3800

Tritanomaly

149.8540, 21.6830, 20.0430

Monochromacy



Original Color

150.6060, 17.0500, 32.4260

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

151.0860, 6.0500, 11.5060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.6060, 17.0500, 32.4260 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(187, 125, 187)` looks like.

```
.text, #text, p{  
    color:rgb(187, 125, 187)  
}
```

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(187, 125, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 125, 187) }
```

Border

The CSS property to change the border of an element to YIQ 150.6060, 17.0500, 32.4260 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(187, 125, 187) }
```


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

```
.border{ border-color:rgb(187, 125, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 125, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 125, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 125, 187);  
box-shadow:4px 4px 4px 4px rgb(187, 125,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 150.6060, 17.0500, 32.4260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 125, 187) }
```

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

```
.background{ background-color: rgb(187,  
125, 187) }
```

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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