

Converting Colors

YIQ(150.8250, -5.7360, 26.8720)

Have a look what the booklet for
YIQ(150.8250, -5.7360, 26.8720)
contains.

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Color

**YIQ(150.8250, -5.7360,
26.8720)**

Conversions

Conversions Part 1

Format	Color
Hex	A287CB
RGB	162, 135, 203
RGB Percent	64%, 53%, 80%
CMY	0.3646, 0.4706, 0.2040
CMYK	0.20, 0.33, 0.00, 0.20
HSL	264°, 40%, 66%
HSV	264°, 33%, 80%
XYZ	34.3454, 29.3199, 60.3370
YIQ	150.8250, -5.7360, 26.8720

Conversions

Conversions Part 2

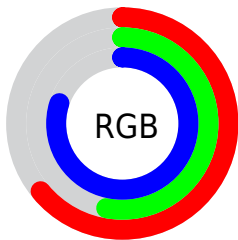
Format	Color
R_{YB}	162, 135, 203
Decimal	10651595
CIE _{Lab}	61.06, 23.97, -31.41
CIE _{LCh}	61, 39.507, 307.346
Yxy	29.3199, 0.2770, 0.2364
Android (android.graphics.Color)	4288841675 (0xFFA287CB)
YUV	150.8250, 25.7223, 9.8005
Hunter-Lab	54.1479, 18.4618, -28.1633

Details

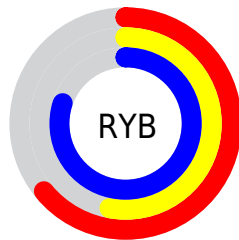
The YIQ color $150.8250, -5.7360, 26.8720$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $187.1750, 5.7360, -26.8720$, and the grayscale version is $151.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $204.6080, -3.6270, 27.1970$, and $99.4720, -6.2400, 24.9920$ is the 20% darker color. If you saturate the color by 10%, you get $135.4970, -7.3880, 34.7880$, and if you desaturate by 10%, it is $166.1530, -4.0840, 18.9560$.

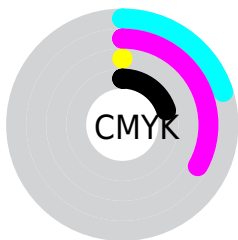
Distribution



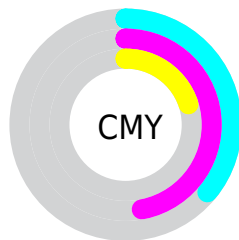
- Red (64%)
- Green (53%)
- Blue (80%)



- Red (64%)
- Yellow (53%)
- Blue (80%)



- Cyan (20%)
- Magenta (33%)
- Yellow (0%)
- Black (20%)



- Cyan (36%)
- Magenta (47%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.8250, -5.7360, 26.8720 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 150.8250, -5.7360, 26.8720 by changing the saturation by 10% instead.

■ 150.8250, -5.7360,
26.8720

■ 150.8250, -5.7360,
26.8720

■ 255.0000, -0.0000,
-0.0000

■ 124.8850, -5.9650,
25.5150

■ 204.6080, -3.6270,
27.1970

■ 99.4720, -6.2400,
24.9920

■ 229.7150, 5.9570,
18.7010

■ 74.9450, -6.1940,
24.1580

■ 249.1300, 2.7500,
5.2300

■ 51.5920, -6.6980,
22.2780

■ 29.3530, -7.5230,
20.7090

■ 10.8970, -6.2390,
19.4650

■ 4.3660, -9.5380,

7.6620

■ 0.0000, 0.0000,
0.0000

■ 150.8250, -5.7360,
26.8720

■ 150.8250, -5.7360,
26.8720

■ 135.4970, -7.3880,
34.7880

■ 166.1530, -4.0840,
18.9560

■ 119.5820, -8.7650,
43.2270

■ 182.0680, -2.7070,
10.5170

■ 103.9550,
-11.0130, 50.9310

■ 197.6950, -0.4590,
2.8130

■ 88.6270, -12.6650,
58.8470

■ 213.0230, 1.1930,
-5.1030

■ 73.2990, -14.3170,
66.7630

■ 228.3510, 2.8450,
-13.0190

■ 57.3840, -15.6940,
75.2020

■ 243.0920, 4.7720,
-20.4120

■ 47.3610, -16.8870,
80.3050

■ 246.9790, 12.5200,
-17.6560

■ 249.0720, 16.6920,
-16.1720

Harmonies

Analogous

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



143.7920, -45.6680, 12.6680



150.8250, -5.7360, 26.8720



151.3530, 28.0080, 32.0720

Triad

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



150.8250, -5.7360, 26.8720



146.4030, 49.7930, -4.8230



115.1120, -95.4050, -38.6130

Complementary

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



150.8250, -5.7360, 26.8720



187.1750, 5.7360, -26.8720

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.



132.5690, -36.5360, -31.7040



150.8250, -5.7360, 26.8720



143.7930, 30.5390, -19.3250

Square

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



150.8250, -5.7360, 26.8720



147.7760, 56.7130, 12.9450



139.7830, 0.9680, -28.5680



117.8140, -105.7690, -26.9930

Rectangle

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



150.8250, -5.7360, 26.8720



150.2700, 44.2390, 29.7670



139.7830, 0.9680, -28.5680



122.7250, -72.2060, -35.0380

Sweetspot

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



150.8250, -5.7360, 26.8720



235.8400, -2.0650, 9.8950



167.4060, -33.3780, -0.8180



115.6180, -1.5600, 6.2480



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.



150.8250, -5.7360, 26.8720



176.8870, -8.3060, 40.4140



160.6920, 13.9320, 33.8680



94.3360, -0.8260, 3.9580



38.6580, -13.9500, 65.6180



8.8170, -3.2580, 14.9980

Inverse Universe

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



160.0060, 27.3670, 27.1670



190.4520, 41.2110, 40.5950



177.3080, -13.9320, -33.8680



95.6740, 4.0340, 3.9860



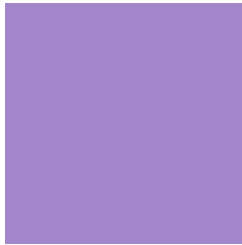
61.0340, 66.8360, 66.2920



13.9840, 15.2650, 15.2090

Previews

White Background



This preview shows how the YIQ color 150.8250, -5.7360, 26.8720 looks on a white background.

Color Contrast Check

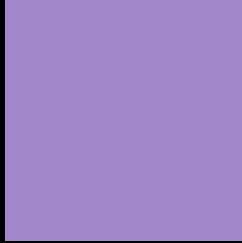
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.8250, -5.7360, 26.8720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

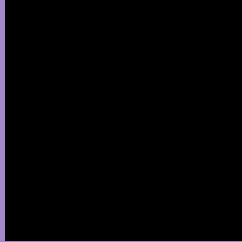
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 150.8250, -5.7360, 26.8720

Background



This preview shows how black text looks on a background with the YIQ color 150.8250, -5.7360, 26.8720.



This preview shows how white text looks on a background with the YIQ color 150.8250, -5.7360,

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

150.8250, -5.7360, 26.8720

Protanopia

147.1420, -31.9140, 16.7100

Deuteranopia

147.1980, -26.3200, 14.4480



Tritanopia

148.3580, 2.1080, 5.8520

Trichromacy



Original Color

150.8250, -5.7360, 26.8720

Protanomaly

148.3390, -22.1030, 20.6250

Deuteranomaly

148.2530, -18.9850, 19.1830

Tritanomaly

149.4320, -0.7360, 13.3440

Monochromacy



Original Color

150.8250, -5.7360, 26.8720

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

150.8400, -2.0650, 9.8950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.8250, -5.7360, 26.8720 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(162, 135, 203)` looks like.

```
.text, #text, p{  
    color:rgb(162, 135, 203)  
}
```

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(162, 135, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 135, 203) }
```

Border

The CSS property to change the border of an element to YIQ 150.8250, -5.7360, 26.8720 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(162, 135, 203) }
```


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

```
.border{ border-color:rgb(162, 135, 203) }
```

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

Here you see how a box with a 4 pixel rgb(162, 135, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 135, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 135, 203);  
box-shadow:4px 4px 4px 4px rgb(162, 135,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 150.8250, -5.7360, 26.8720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 135, 203) }
```

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

```
.background{ background-color: rgb(162,  
135, 203) }
```

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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