

Converting Colors

YIQ(151.4950, 31.6250, 60.1450)

Have a look what the booklet for
YIQ(151.4950, 31.6250, 60.1450)
contains.

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Color

**YIQ(151.4950, 31.6250,
60.1450)**

Conversions

Conversions Part 1

Format	Color
Hex	DB68DB
RGB	219, 104, 219
RGB Percent	86%, 41%, 86%
CMY	0.1408, 0.5923, 0.1411
CMYK	0.00, 0.53, 0.00, 0.14
HSL	300°, 62%, 63%
HSV	300°, 53%, 86%
XYZ	46.9728, 30.0797, 70.3545
YIQ	151.4950, 31.6250, 60.1450

Conversions

Conversions Part 2

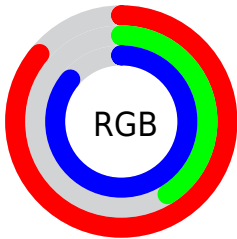
Format	Color
R _{YB}	219, 104, 219
Decimal	14379227
CIE Lab	61.72, 60.30, -38.90
CIE LCh	62, 71.758, 327.173
Yxy	30.0797, 0.3187, 0.2041
Android (android.graphics.Color)	4292569307 (0xFFDB68DB)
YUV	151.4950, 33.2800, 59.2019
Hunter-Lab	54.8449, 56.9005, -37.6651

Details

The YIQ color $151.4950, 31.6250, 60.1450$ is a light color, and the websafe version is hex $CC66CC$. A complement of this color would be $171.5050, -31.6250, -60.1450$, and the grayscale version is $151.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $199.2350, 26.1250, 49.6850$, and $94.4240, 30.3870, 60.5550$ is the 20% darker color. If you saturate the color by 10%, you get $138.5810, 37.6750, 71.6510$, and if you desaturate by 10%, it is $164.4090, 25.5750, 48.6390$.

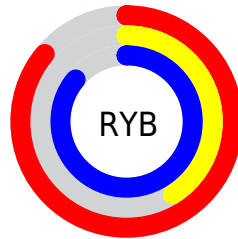
Distribution



Red (86%)

Green (41%)

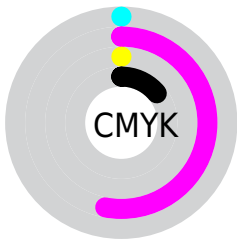
Blue (86%)



Red (86%)

Yellow (41%)

Blue (86%)

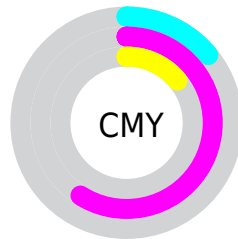


Cyan (0%)

Magenta (53%)

Yellow (0%)

Black (14%)



Cyan (14%)


Magenta (59%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 151.4950, 31.6250, 60.1450 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 151.4950, 31.6250, 60.1450 by changing the saturation by 10% instead.


 151.4950, 31.6250,
60.1450


 151.4950, 31.6250,
60.1450


255.0000, -0.0000,
-0.0000


 123.1960, 31.0290,
59.9330


 199.2350, 26.1250,
49.6850


 94.4240, 30.3870,
60.5550


 215.6710, 18.4250,
35.0410


 59.4940, 33.3660,
67.1420

 232.6940, 10.4500,
19.8740

 44.3480, 27.5450,
56.9930

 249.7170, 2.4750,
4.7070

 33.4250, 19.4780,
43.4940

 23.2140, 12.2820,
30.7300

 12.0350, 2.0600,

17.7400

■ 2.5250, -5.7320,
4.7640

■ 0.0000, 0.0000,
0.0000

■ 151.4950, 31.6250,
60.1450

■ 151.4950, 31.6250,
60.1450

■ 138.5810, 37.6750,
71.6510

■ 164.4090, 25.5750,
48.6390

■ 125.6670, 43.7250,
83.1570

■ 177.3230, 19.5250,
37.1330

■ 112.7530, 49.7750,
94.6630

■ 190.2370, 13.4750,
25.6270

■ 99.8390, 55.8250,
106.1690

■ 203.1510, 7.4250,
14.1210

90.4470, 60.2250,
114.5370

216.0650, 1.3750,
2.6150

228.3920, -4.4000,
-8.3680

240.1320, -9.9000,
-18.8280

Harmonies

Analogous

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



148.3810, -39.1160, 37.1080



151.4950, 31.6250, 60.1450



142.3910, 78.7120, 60.3120

Triad

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



151.4950, 31.6250, 60.1450



139.5440, 70.0640, -36.3040



127.9700, -115.0760, -29.0280

Complementary

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



151.4950, 31.6250, 60.1450



171.5050, -31.6250, -60.1450

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.



119.9730, -93.9360, -48.7200



151.4950, 31.6250, 60.1450



131.5720, 28.1620, -58.8620

Square

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



151.4950, 31.6250, 60.1450



142.5530, 93.3490, -1.2350



110.1010, -71.6500, -67.1540



130.0340, -129.1550, -10.6510

Rectangle

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



151.4950, 31.6250, 60.1450



138.7770, 91.6440, 46.2040



110.1010, -71.6500, -67.1540



125.5760, -108.3350, -35.5590

Sweetspot

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



151.4950, 31.6250, 60.1450



230.9330, 11.2750, 21.4430



117.1100, -36.9150, 35.7650



113.2110, 7.1960, 12.7640



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.



151.4950, 31.6250, 60.1450



160.4930, 44.2750, 84.2030



144.9970, 49.9220, 42.4180



103.5430, 3.0250, 5.7530



71.4490, 47.5750, 90.4790



18.9980, 12.6500, 24.0580

Inverse Universe

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



151.4950, 31.6250, 60.1450



160.4930, 44.2750, 84.2030



178.1170, -50.2430, -42.1070



103.5430, 3.0250, 5.7530



71.4490, 47.5750, 90.4790



18.9980, 12.6500, 24.0580

Previews

White Background



This preview shows how the YIQ color 151.4950, 31.6250, 60.1450 looks on a white background.

Color Contrast Check

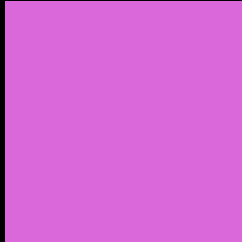
Large Text (above 18pt) WCAG AA × Fail

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 151.4950, 31.6250, 60.1450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

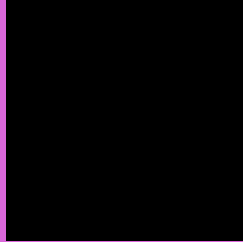
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 151.4950, 31.6250, 60.1450

Background



This preview shows how black text looks on a background with the YIQ color 151.4950, 31.6250, 60.1450.



This preview shows how white text looks on a background with the YIQ color 151.4950, 31.6250,

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

151.4950, 31.6250, 60.1450

Protanopia

145.2700, -61.2130, 24.5710

Deuteranopia

148.9030, -32.7390, 15.1410



Tritanopia

151.1420, 47.1750, 20.6070

Trichromacy



Original Color

151.4950, 31.6250, 60.1450



Protanomaly

147.8400, -27.2870, 37.4890



Deuteranomaly

149.7200, -9.6340, 31.4380



Tritanomaly

151.1760, 41.8080, 35.2800

Monochromacy



Original Color

151.4950, 31.6250, 60.1450



Achromatopsia

151.0000, -0.0000, 0.0000



Achromatomaly

151.3460, 11.5500, 21.9660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.4950, 31.6250, 60.1450 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(219, 104, 219)` looks like.

```
.text, #text, p{  
    color:rgb(219, 104, 219)  
}
```

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(219, 104, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 104, 219) }
```

Border

The CSS property to change the border of an element to YIQ 151.4950, 31.6250, 60.1450 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(219, 104, 219) }
```


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

```
.border{ border-color:rgb(219, 104, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 104, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 104, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 104, 219);  
box-shadow:4px 4px 4px 4px rgb(219, 104,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 151.4950, 31.6250, 60.1450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 104, 219) }
```

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

```
.background{ background-color: rgb(219,  
104, 219) }
```

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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