

Converting Colors

YIQ(166.6150, -13.5320,
36.0040)

Have a look what the booklet for
YIQ(166.6150, -13.5320, 36.0040)
contains.

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Color

**YIQ(166.6150, -13.5320,
36.0040)**

Conversions

Conversions Part 1

Format	Color
Hex	B093F3
RGB	176, 147, 243
RGB Percent	69%, 58%, 95%
CMY	0.3097, 0.4236, 0.0472
CMYK	0.28, 0.40, 0.00, 0.05
HSL	258°, 80%, 76%
HSV	258°, 40%, 95%
XYZ	44.5165, 36.5668, 89.4800
YIQ	166.6150, -13.5320, 36.0040

Conversions

Conversions Part 2

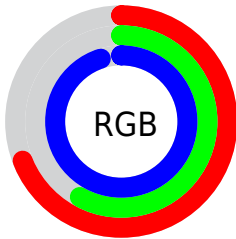
Format	Color
R _Y B	176, 147, 243
Decimal	11572211
CIE Lab	66.95, 30.75, -44.32
CIE LCh	67, 53.940, 304.757
Yxy	36.5668, 0.2610, 0.2144
Android (android.graphics.Color)	4289762291 (0xFFB093F3)
YUV	166.6150, 37.6578, 8.2306
Hunter-Lab	60.4704, 25.5830, -45.4039

Details

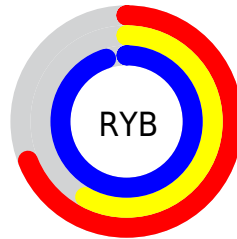
The YIQ color $166.6150, -13.5320, 36.0040$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $223.3850, 13.5320, -36.0040$, and the grayscale version is $166.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $216.7240, 1.7380, 23.5780$, and $113.7350, -13.9900, 33.2900$ is the 20% darker color. If you saturate the color by 10%, you get $147.4440, -17.0640, 44.9520$, and if you desaturate by 10%, it is $185.7860, -10.0000, 27.0560$.

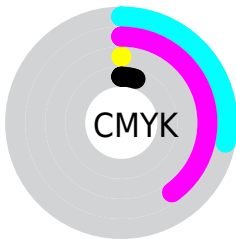
Distribution



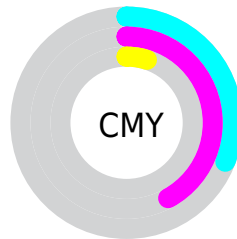
- Red (69%)
- Green (58%)
- Blue (95%)



- Red (69%)
- Yellow (58%)
- Blue (95%)



- Cyan (28%)
- Magenta (40%)
- Yellow (0%)
- Black (5%)



- Cyan (31%)
- Magenta (42%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 166.6150, -13.5320, 36.0040 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 166.6150, -13.5320, 36.0040 by changing the saturation by 10% instead.

■ 166.6150,
-13.5320, 36.0040

■ 166.6150,
-13.5320, 36.0040

■ 255.0000, -0.0000,
-0.0000

■ 139.6750,
-13.7610, 34.6470

■ 216.7240, 1.7380,
23.5780

■ 113.7350,
-13.9900, 33.2900

■ 239.7380, 7.1500,
13.5980

■ 88.4960, -14.8150,
31.7210

■ 64.1430, -15.3190,
29.8410

■ 40.0070, -17.9320,
27.6360

■ 14.6640, -24.3960,
23.6360

■ 6.6120, -18.6180,

18.0380

■ 5.2780, -12.1060,
10.1500

■ 1.2540, -3.5310,
3.4210

■ 166.6150,
-13.5320, 36.0040

■ 166.6150,
-13.5320, 36.0040

■ 147.4440,
-17.0640, 44.9520

■ 185.7860,
-10.0000, 27.0560

■ 127.6860,
-20.3210, 54.4230

■ 205.5440, -6.7430,
17.5850

■ 108.5150,
-23.8530, 63.3710

■ 224.7150, -3.2110,
8.6370

■ 89.3440, -27.3850,
72.3190

■ 243.8860, 0.3210,
-0.3110

■ 70.1730, -30.9170,
81.2670

■ 253.6320, 3.8520,
-3.7320

■ 50.4150, -34.1740,
90.7380

■ 49.8280, -33.8990,
91.2610

Harmonies

Analogous

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



151.9270, -76.8450, 10.5070



166.6150, -13.5320, 36.0040



166.9770, 35.4790, 45.3590

Triad

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



166.6150, -13.5320, 36.0040



160.2280, 69.2790, -5.5450



129.0350, -105.6740, -45.2420

Complementary

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



166.6150, -13.5320, 36.0040



223.3850, 13.5320, -36.0040

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.



139.6280, -53.3600, -46.1920



166.6150, -13.5320, 36.0040



157.3520, 44.6620, -27.4820

Square

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



166.6150, -13.5320, 36.0040



161.8280, 77.2980, 19.8420



151.7860, 4.9130, -39.4950



133.9200, -120.8070, -29.7910

Rectangle

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



166.6150, -13.5320, 36.0040



164.7160, 58.0830, 43.1950



151.7860, 4.9130, -39.4950



127.0970, -100.2170, -50.5290

Sweetspot

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



166.6150, -13.5320, 36.0040



230.5240, -3.9910, 11.7610



197.2730, -49.2410, -5.1850



113.5470, -2.7980, 6.6580



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.



166.6150, -13.5320, 36.0040



159.4440, -17.0640, 44.9520



180.9670, 15.0760, 46.1800



112.5640, -1.4680, 4.5800



37.9480, -26.3300, 69.7180



12.1080, -8.2110, 22.1650

Inverse Universe

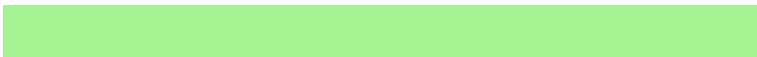
The Inverse Universe completely reimagines the original color for something new.



183.3420, 35.7090, 41.1890



180.4560, 44.5560, 51.5640



209.0330, -15.0760, -46.1800



114.6140, 4.2630, 5.3430



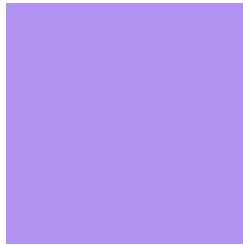
70.4340, 69.1260, 79.8620



22.3150, 22.0030, 25.2590

Previews

White Background



This preview shows how the YIQ color 166.6150, -13.5320, 36.0040 looks on a white background.

Color Contrast Check

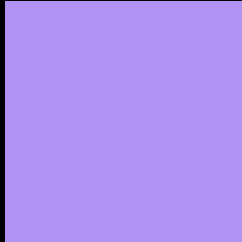
Large Text (above 18pt) WCAG AA × Fail

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 166.6150, -13.5320, 36.0040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

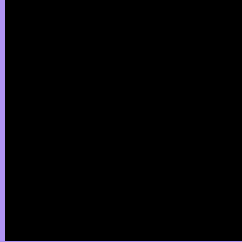
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.6150, -13.5320, 36.0040

Background



This preview shows how black text looks on a background with the YIQ color 166.6150, -13.5320, 36.0040.



This preview shows how white text looks on a background with the YIQ color 166.6150, -13.5320,

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

166.6150, -13.5320, 36.0040

Protanopia

161.1480, -49.2460, 22.4500

Deuteranopia

161.3240, -44.1100, 17.4740



Tritanopia

163.6670, -3.2560, 3.9440

Trichromacy



Original Color

166.6150, -13.5320, 36.0040

Protanomaly

162.8400, -36.4550, 27.4250

Deuteranomaly

163.5860, -32.9240, 24.0040

Tritanomaly

165.0770, -6.9260, 15.3940

Monochromacy



Original Color

166.6150, -13.5320, 36.0040

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

166.9800, -5.2750, 13.0050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.6150, -13.5320, 36.0040 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(176, 147, 243)` looks like.

```
.text, #text, p{  
    color:rgb(176, 147, 243)  
}
```

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(176, 147, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 147, 243) }
```

Border

The CSS property to change the border of an element to YIQ 166.6150, -13.5320, 36.0040 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(176, 147, 243) }
```


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

```
.border{ border-color:rgb(176, 147, 243) }
```

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

Here you see how a box with a 4 pixel rgb(176, 147, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 147, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 147, 243);  
box-shadow:4px 4px 4px 4px rgb(176, 147,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 166.6150, -13.5320, 36.0040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 147, 243) }
```

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

```
.background{ background-color: rgb(176,  
147, 243) }
```

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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