

Converting Colors

YIQ(162.5460, 18.4200, 62.6760)

Have a look what the booklet for
YIQ(162.5460, 18.4200, 62.6760)
contains.

YIQ(162.5460, 18.4200, 62.6760)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(162.5460, 18.4200,
62.6760)**

Conversions

Conversions Part 1

Format	Color
Hex	DB75F9
RGB	219, 117, 249
RGB Percent	86%, 46%, 98%
CMY	0.1408, 0.5413, 0.0236
CMYK	0.12, 0.53, 0.00, 0.02
HSL	286°, 92%, 72%
HSV	286°, 53%, 98%
XYZ	52.6924, 34.6247, 93.5225
YIQ	162.5460, 18.4200, 62.6760

Conversions

Conversions Part 2

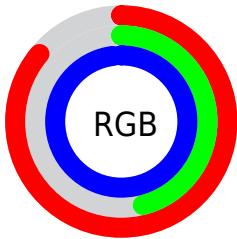
Format	Color
R _{YB}	219, 117, 249
Decimal	14382585
CIE _{Lab}	65.46, 59.64, -49.67
CIE _{LCh}	65, 77.621, 320.211
Yxy	34.6247, 0.2914, 0.1915
Android (android.graphics.Color)	4292572665 (0xFFDB75F9)
YUV	162.5460, 42.6218, 49.5102
Hunter-Lab	58.8427, 56.8681, -53.0434

Details

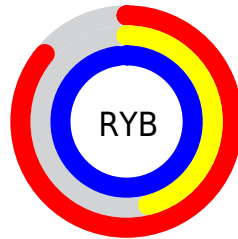
The YIQ color **162.5460, 18.4200, 62.6760** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **203.4540, -18.4200, -62.6760**, and the grayscale version is **162.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **206.2790, 22.8250, 43.4090**, and **106.4210, 17.2740, 61.4180** is the 20% darker color. If you saturate the color by 10%, you get **146.0770, 21.7190, 74.4790**, and if you desaturate by 10%, it is **179.0150, 15.1210, 50.8730**.

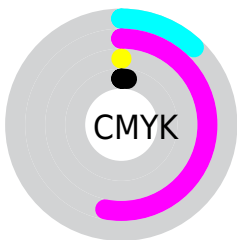
Distribution



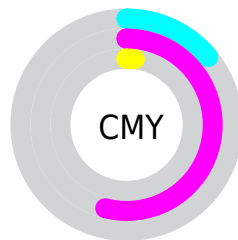
- Red (86%)
- Green (46%)
- Blue (98%)



- Red (86%)
- Yellow (46%)
- Blue (98%)



- Cyan (12%)
- Magenta (53%)
- Yellow (0%)
- Black (2%)




- Cyan (14%)
- Magenta (54%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 162.5460, 18.4200, 62.6760 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 162.5460, 18.4200, 62.6760 by changing the saturation by 10% instead.


 162.5460, 18.4200,
62.6760


 162.5460, 18.4200,
62.6760


255.0000, -0.0000,
-0.0000

 134.7200, 17.8700,
61.6300


 206.2790, 22.8250,
43.4090


 106.4210, 17.2740,
61.4180


 223.3020, 14.8500,
28.2420

 77.2470, 17.8240,
62.4640

 240.3250, 6.8750,
13.0750

 47.4260, 18.8780,
65.3900

 35.9760, 10.8570,
51.0570

 25.0530, 2.7900,
37.5580

 14.2440, -5.5980,

24.3700

■ 6.2070, -13.3440,
10.5600

■ 2.5250, -5.7320,
4.7640

■ 162.5460, 18.4200,
62.6760

■ 162.5460, 18.4200,
62.6760

■ 146.0770, 21.7190,
74.4790

■ 179.0150, 15.1210,
50.8730

■ 129.9070, 25.6140,
86.4940

■ 195.1850, 11.2260,
38.8580

■ 113.4380, 28.9130,
98.2970

■ 211.6540, 7.9270,
27.0550

■ 97.2680, 32.8080,
110.3120

■ 228.1230, 4.6280,
15.2520

86.0930, 35.0990,
118.3550

243.7060, 1.0080,
3.7600

253.7180, 0.7340,
-2.2900

254.3160, 1.9260,
-1.8660

Harmonies

Analogous

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



148.2160, -61.1210, 22.9030



162.5460, 18.4200, 62.6760



147.8170, 68.9450, 66.6170

Triad

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



162.5460, 18.4200, 62.6760



149.6660, 84.4600, -32.8840



134.9000, -118.0550, -35.6150

Complementary

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



162.5460, 18.4200, 62.6760



203.4540, -18.4200, -62.6760

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.



126.1050, -94.6680, -57.4840



162.5460, 18.4200, 62.6760



143.4440, 40.2660, -57.9580

Square

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



162.5460, 18.4200, 62.6760



150.7380, 103.4340, 8.7300



128.2430, -42.8110, -66.6750



138.2520, -133.0050, -17.9730

Rectangle

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



162.5460, 18.4200, 62.6760



140.1110, 85.1320, 54.0920



128.2430, -42.8110, -66.6750



132.2780, -110.6720, -42.7680

Sweetspot

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



162.5460, 18.4200, 62.6760



228.2420, 5.9110, 19.5350



150.2450, -50.8970, 24.8390



111.5310, 3.2990, 11.8030



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.



162.5460, 18.4200, 62.6760



148.2560, 22.7730, 77.4050



167.5260, 47.5350, 58.1510



116.4720, 1.7870, 6.1630



65.2000, 26.3470, 89.7310



21.0070, 8.4310, 28.9350

Inverse Universe

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



159.8880, 69.0420, 37.3140



144.9550, 85.2710, 46.0630



198.4740, -47.5350, -58.1510



116.2290, 6.7850, 3.6890



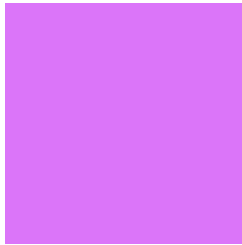
61.4130, 98.8410, 53.4410



19.8350, 31.8620, 17.2860

Previews

White Background



This preview shows how the YIQ color 162.5460, 18.4200, 62.6760 looks on a white background.

Color Contrast Check

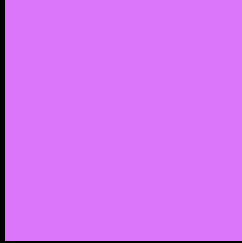
Large Text (above 18pt) WCAG AA × Fail

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 162.5460, 18.4200, 62.6760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

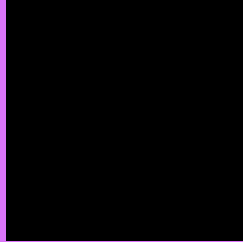
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 162.5460, 18.4200, 62.6760

Background



This preview shows how black text looks on a background with the YIQ color 162.5460, 18.4200, 62.6760.



This preview shows how white text looks on a background with the YIQ color 162.5460, 18.4200,

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

162.5460, 18.4200, 62.6760

Protanopia

156.5220, -53.2350, 23.1570

Deuteranopia

156.6870, -49.5660, 17.2340



Tritanopia

161.3900, 34.6130, 16.9890

Trichromacy



Original Color

162.5460, 18.4200, 62.6760



Protanomaly

158.8400, -27.2870, 37.4890



Deuteranomaly

158.9880, -24.9480, 33.6440



Tritanomaly

161.5920, 28.8330, 33.6410

Monochromacy



Original Color

162.5460, 18.4200, 62.6760



Achromatopsia

163.0000, -0.0000, -0.0000



Achromatomaly

162.5350, 6.6440, 22.7720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.5460, 18.4200, 62.6760 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, 117, 249)` looks like.

```
.text, #text, p{  
    color:rgb(219, 117, 249)  
}
```

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, 117, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 117, 249) }
```

Border

The CSS property to change the border of an element to YIQ 162.5460, 18.4200, 62.6760 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, 117, 249) }
```


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

```
.border{ border-color:rgb(219, 117, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 117, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 117, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 117, 249);  
box-shadow:4px 4px 4px 4px rgb(219, 117,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 162.5460, 18.4200, 62.6760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 117, 249) }
```

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

```
.background{ background-color: rgb(219,  
117, 249) }
```

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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