

Converting Colors

YIQ(146.5960, -2.2120, 62.1400)

Have a look what the booklet for
YIQ(146.5960, -2.2120, 62.1400)
contains.

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Color

**YIQ(146.5960, -2.2120,
62.1400)**

Conversions

Conversions Part 1

Format	Color
Hex	B76BFF
RGB	183, 107, 255
RGB Percent	72%, 42%, 100%
CMY	0.2821, 0.5805, 0.0001
CMYK	0.28, 0.58, 0.00, 0.00
HSL	271°, 100%, 71%
HSV	271°, 58%, 100%
XYZ	42.8443, 27.8026, 97.6895
YIQ	146.5960, -2.2120, 62.1400

Conversions

Conversions Part 2

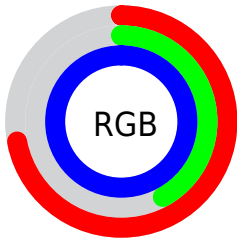
Format	Color
R_{YB}	183, 107, 255
Decimal	12020735
CIE _{Lab}	59.71, 57.04, -62.36
CIE _{LCh}	60, 84.512, 312.446
Yxy	27.8026, 0.2545, 0.1652
Android (android.graphics.Color)	4290210815 (0xFFB76BFF)
YUV	146.5960, 53.4432, 31.9263
Hunter-Lab	52.7282, 52.7661, -72.9368

Details

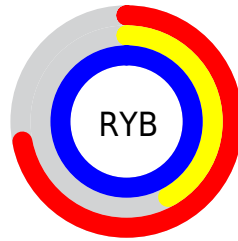
The YIQ color $146.5960, -2.2120, 62.1400$ is a light color, and the websafe version is hex $CC66FF$. A complement of this color would be $215.4040, 2.2120, -62.1400$, and the grayscale version is $146.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $195.9350, 18.1020, 46.4060$, and $91.5310, -3.5870, 59.5250$ is the 20% darker color. If you saturate the color by 10%, you get $127.7460, -2.2140, 73.1940$, and if you desaturate by 10%, it is $164.8590, -1.9350, 51.6090$.

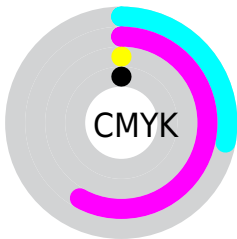
Distribution



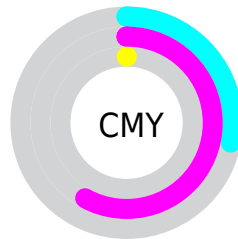
- Red (72%)
- Green (42%)
- Blue (100%)



- Red (72%)
- Yellow (42%)
- Blue (100%)



- Cyan (28%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)




- Cyan (28%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.5960, -2.2120, 62.1400 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 146.5960, -2.2120, 62.1400 by changing the saturation by 10% instead.


 146.5960, -2.2120,
62.1400


 146.5960, -2.2120,
62.1400


255.0000, -0.0000,
-0.0000


 119.3570, -3.0370,
60.5710


 195.9350, 18.1020,
46.4060

 91.5310, -3.5870,
59.5250


 216.2580, 18.1500,
34.5180


 62.9440, -3.3120,
60.0480

 233.2810, 10.1750,
19.3510

 36.5200, -5.0540,
58.5780

 250.3040, 2.2000,
4.1840

 23.9880, -15.7800,
43.7080

 10.3740, -29.2110,
28.3010

 7.5240, -21.1860,

20.5260

■ 6.6630, -14.6280,
11.8040

■ 2.9810, -7.0160,
6.0080

■ 146.5960, -2.2120,
62.1400

■ 146.5960, -2.2120,
62.1400

■ 127.7460, -2.2140,
73.1940

■ 164.8590, -1.9350,
51.6090

■ 109.1840, -3.0870,
83.5130

■ 184.0080, -1.3370,
40.7670

■ 90.3340, -3.0890,
94.5670

■ 202.2710, -1.0600,
30.2360

■ 72.0710, -3.3660,
105.0980

■ 221.4200, -0.4620,
19.3940

■ 68.2390, -3.7790,
107.0770

■ 239.6830, -0.1850,
8.8630

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



113.0110, -121.1800, 4.5160



146.5960, -2.2120, 62.1400



132.9290, 72.1060, 80.9220

Triad

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



146.5960, -2.2120, 62.1400



135.2790, 90.4640, -20.5440



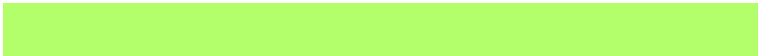
123.1480, -104.2540, -37.9340

Complementary

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



146.5960, -2.2120, 62.1400



215.4040, 2.2120, -62.1400

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.



112.4950, -78.3910, -60.6230



146.5960, -2.2120, 62.1400



131.7040, 45.7660, -47.4980

Square

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



146.5960, -2.2120, 62.1400



130.8570, 113.8850, 23.0770



112.3920, -15.8500, -76.2180



129.9540, -126.1740, -15.1180

Rectangle

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



146.5960, -2.2120, 62.1400



116.3860, 95.4440, 76.4680



112.3920, -15.8500, -76.2180



119.5970, -95.6330, -45.4970

Sweetspot

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



146.5960, -2.2120, 62.1400



223.4800, -0.6910, 18.0370



167.3100, -67.8580, 7.3260



108.8510, -0.5980, 10.8420



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.



146.5960, -2.2120, 62.1400



124.5010, -2.9020, 74.6500



168.1240, 40.7000, 77.4040



118.2760, -0.5970, 5.3150



51.0760, -2.9030, 80.1770



17.1630, -0.8760, 26.9000

Inverse Universe

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



159.4600, 65.0960, 53.7680



140.0260, 78.4820, 64.4820



193.8760, -40.7000, -77.4040



119.5710, 5.8220, 4.6220



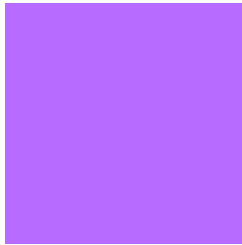
67.7110, 83.9830, 69.4150



22.6700, 28.1930, 23.2090

Previews

White Background



This preview shows how the YIQ color 146.5960, -2.2120, 62.1400 looks on a white background.

Color Contrast Check

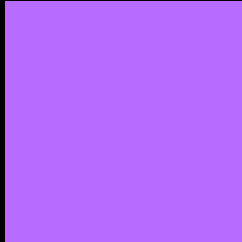
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.5960, -2.2120, 62.1400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

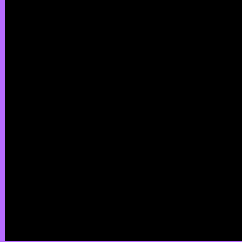
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.5960, -2.2120, 62.1400

Background



This preview shows how black text looks on a background with the YIQ color 146.5960, -2.2120, 62.1400.



This preview shows how white text looks on a background with the YIQ color 146.5960, -2.2120,

62.1400.

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

146.5960, -2.2120, 62.1400

Protanopia

137.8610, -67.3110, 24.9530

Deuteranopia

132.7080, -80.4220, 14.7620



Tritanopia

145.6260, 13.1570, 9.3570

Trichromacy



Original Color

146.5960, -2.2120, 62.1400



Protanomaly

140.9830, -43.7470, 38.4370



Deuteranomaly

137.6890, -51.9070, 32.1330



Tritanomaly

145.7080, 7.8350, 28.7230

Monochromacy



Original Color

146.5960, -2.2120, 62.1400



Achromatopsia

147.0000, -0.0000, 0.0000



Achromatomaly

146.5280, -0.6460, 22.7300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.5960, -2.2120, 62.1400 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(183, 107, 255)` looks like.

```
.text, #text, p{  
    color:rgb(183, 107, 255)  
}
```

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(183, 107, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 107, 255) }
```

Border

The CSS property to change the border of an element to YIQ 146.5960, -2.2120, 62.1400 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(183, 107, 255) }
```


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

```
.border{ border-color:rgb(183, 107, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 107, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 107, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 107, 255);  
box-shadow:4px 4px 4px 4px rgb(183, 107,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 146.5960, -2.2120, 62.1400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 107, 255) }
```

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

```
.background{ background-color: rgb(183,  
107, 255) }
```

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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