

Converting Colors

YIQ(215.4320, 5.0090, -63.2710)

Have a look what the booklet for
YIQ(215.4320, 5.0090, -63.2710)
contains.

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Color

**YIQ(215.4320, 5.0090,
-63.2710)**

Conversions

Conversions Part 1

Format	Color
Hex	B5FF66
RGB	181, 255, 102
RGB Percent	71%, 100%, 40%
CMY	0.2905, 0.0000, 0.5998
CMYK	0.29, 0.00, 0.60, 0.00
HSL	89°, 100%, 70%
HSV	89°, 60%, 100%
XYZ	57.1999, 82.2954, 25.4494
YIQ	215.4320, 5.0090, -63.2710

Conversions

Conversions Part 2

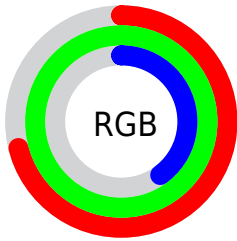
Format	Color
RYB	102, 255, 176
Decimal	11927398
CIELab	92.71, -46.42, 64.22
CIElCh	93, 79.243, 125.857
Yxy	82.2954, 0.3468, 0.4989
Android (android.graphics.Color)	4290117478 (0xFFB5FF66)
YUV	215.4320, -55.9220, -30.1969
Hunter-Lab	90.7168, -46.2045, 46.8687

Details

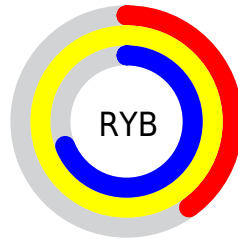
The YIQ color $215.4320, 5.0090, -63.2710$ is a light color, and the websafe version is hex $CCFF66$. A complement of this color would be $141.5680, -5.0090, 63.2710$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $239.4570, 22.1970, -33.3470$, and $158.0190, 4.7340, -63.7940$ is the 20% darker color. If you saturate the color by 10%, you get $208.9940, 5.8820, -73.5900$, and if you desaturate by 10%, it is $221.9840, 3.8150, -52.6410$.

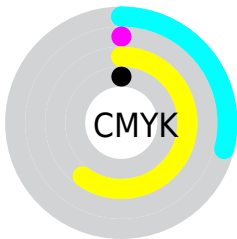
Distribution



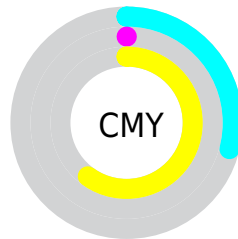
- Red (71%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (69%)



- Cyan (29%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.4320, 5.0090, -63.2710 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 215.4320, 5.0090, -63.2710 by changing the saturation by 10% instead.

■ 215.4320, 5.0090,
-63.2710

■ 215.4320, 5.0090,
-63.2710

255.0000, -0.0000,
-0.0000

■ 186.5460, 4.6880,
-62.9600

■ 239.4570, 22.1970,
-33.3470

■ 158.0190, 4.7340,
-63.7940

■ 247.1340, 22.1490,
-21.4590

■ 128.1950, 9.8700,
-68.7700

■ 250.4400, 12.8400,
-12.4400

■ 103.3760, -0.5850,
-61.0090

■ 253.7460, 3.5310,
-3.4210

■ 78.5460, -12.5070,
-54.1950

■ 54.0040, -25.3000,
-48.1160

■ 39.3290, -18.4250,

-35.0410

■ 26.4150, -12.3750,
-23.5350

■ 9.9790, -4.6750,
-8.8910

■ 215.4320, 5.0090,
-63.2710

■ 215.4320, 5.0090,
-63.2710

■ 208.9940, 5.8820,
-73.5900

■ 221.9840, 3.8150,
-52.6410

■ 202.1430, 6.4800,
-84.4320

■ 228.7210, 3.5380,
-42.1100

■ 195.7050, 7.3530,
-94.7510

■ 235.2730, 2.3440,
-31.4800

■ 189.1530, 8.5470,
-105.3810

■ 241.7110, 1.4710,
-21.1610

■ 248.5620, 0.8730,
-10.3190

255.0000, -0.0000,
-0.0000

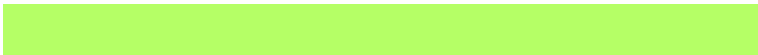
Harmonies

Analogous

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



221.9420, 65.5270, -47.6970



215.4320, 5.0090, -63.2710



178.8180, -104.7060, -73.8100

Triad

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



215.4320, 5.0090, -63.2710



178.7550, -151.9800, -54.0600



197.2340, 35.8930, 37.8530

Complementary

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



215.4320, 5.0090, -63.2710



141.5680, -5.0090, 63.2710

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.



209.2140, 21.4500, 40.7940



215.4320, 5.0090, -63.2710



198.0780, -88.8970, -24.3930

Square

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



215.4320, 5.0090, -63.2710



178.7550, -151.9800, -54.0600



227.4110, 12.9250, 24.5810



197.7170, 55.2010, 7.3050

Rectangle

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



215.4320, 5.0090, -63.2710



174.8790, -141.0660, -64.6340



227.4110, 12.9250, 24.5810



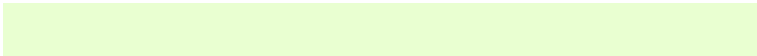
201.3720, 26.9970, 44.8930

Sweetspot

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



215.4320, 5.0090, -63.2710



243.1780, 1.6540, -18.9700



191.1850, 70.8380, -6.2660



120.5080, 0.9650, -11.9870



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.



215.4320, 5.0090, -63.2710



207.4130, 6.0200, -76.0920



192.7080, -40.2870, -79.3830



124.4250, 0.0010, -5.5270



141.7180, 6.4790, -78.9050



47.4350, 2.0680, -26.4760

Inverse Universe

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



141.5680, -5.0090, 63.2710



118.5870, -6.0200, 76.0920



164.2920, 40.2870, 79.3830



118.2760, -0.5970, 5.3150



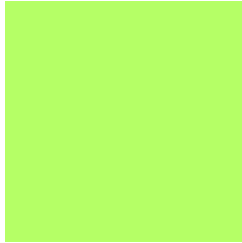
49.5810, -5.8830, 79.1170



16.5650, -2.0680, 26.4760

Previews

White Background



This preview shows how the YIQ color 215.4320, 5.0090, -63.2710 looks on a white background.

Color Contrast Check

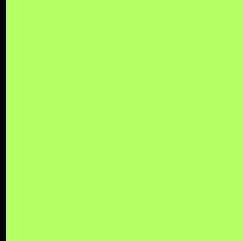
Large Text (above 18pt) WCAG AA × Fail

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 215.4320, 5.0090, -63.2710 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 215.4320, 5.0090, -63.2710

Background



This preview shows how black text looks on a background with the YIQ color 215.4320, 5.0090, -63.2710.



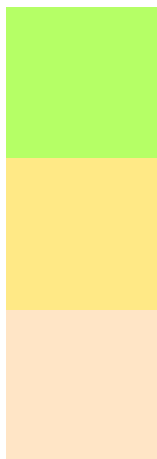
This preview shows how white text looks on a background with the YIQ color 215.4320, 5.0090,

-63.2710.

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

215.4320, 5.0090, -63.2710

Protanopia

228.2920, 44.8910, -26.1250

Deuteranopia

233.2400, 25.4470, -4.1290



Tritanopia

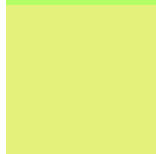
230.6690, -23.9330, -1.2850

Trichromacy



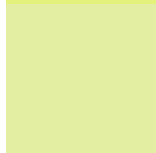
Original Color

215.4320, 5.0090, -63.2710



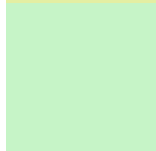
Protanomaly

223.5470, 30.4510, -39.7650



Deuteranomaly

226.4600, 18.1150, -25.4450



Tritanomaly

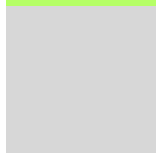
225.1160, -12.9710, -23.7470

Monochromacy



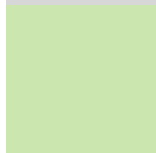
Original Color

215.4320, 5.0090, -63.2710



Achromatopsia

215.0000, -0.0000, -0.0000



Achromatomaly

215.5430, 1.8840, -23.1400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.4320, 5.0090, -63.2710 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(181, 255, 102)` looks like.

```
.text, #text, p{  
    color:rgb(181, 255, 102)  
}
```

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(181, 255, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 255, 102) }
```

Border

The CSS property to change the border of an element to YIQ 215.4320, 5.0090, -63.2710 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(181, 255, 102) }
```


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

```
.border{ border-color:rgb(181, 255, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 255, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 255, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 255, 102);  
box-shadow:4px 4px 4px 4px rgb(181, 255,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 215.4320, 5.0090, -63.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 255, 102) }
```

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

```
.background{ background-color: rgb(181,  
255, 102) }
```

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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