

Converting Colors

YIQ(163.4140, -8.3520, 41.2480)

Have a look what the booklet for
YIQ(163.4140, -8.3520, 41.2480)
contains.

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Color

**YIQ(163.4140, -8.3520,
41.2480)**

Conversions

Conversions Part 1	
Format	Color
Hex	B58BF3
RGB	181, 139, 243
RGB Percent	71%, 55%, 95%
CMY	0.2900, 0.4550, 0.0472
CMYK	0.25, 0.43, 0.00, 0.05
HSL	264°, 81%, 75%
HSV	264°, 43%, 95%
XYZ	44.4693, 34.7584, 89.1363
YIQ	163.4140, -8.3520, 41.2480

Conversions

Conversions Part 2

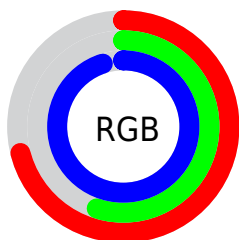
Format	Color
RYB	181, 139, 243
Decimal	11897843
CIELab	65.56, 36.61, -46.47
CIELCh	66, 59.160, 308.228
Yxy	34.7584, 0.2641, 0.2064
Android (android.graphics.Color)	4290087923 (0xFFB58BF3)
YUV	163.4140, 39.2359, 15.4229
Hunter-Lab	58.9562, 31.4650, -48.3716

Details

The YIQ color **163.4140, -8.3520, 41.2480** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **218.5860, 8.3520, -41.2480**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **213.8220, 7.5140, 29.0340**, and **110.5340, -8.8100, 38.5340** is the 20% darker color. If you saturate the color by 10%, you get **145.1400, -10.0960, 50.8320**, and if you desaturate by 10%, it is **181.9870, -6.0120, 31.8760**.

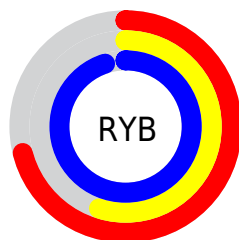
Distribution



Red (71%)

Green (55%)

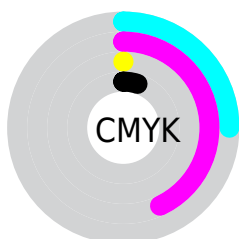
Blue (95%)



Red (71%)

Yellow (55%)

Blue (95%)

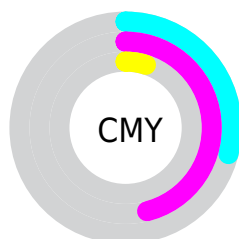


Cyan (25%)

Magenta (43%)

Yellow (0%)

Black (5%)



Cyan (29%)

Magenta (46%)


Yellow (5%)


Brightness & Saturation

Gradients

These gradients show how the YIQ color 163.4140, -8.3520, 41.2480 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 163.4140, -8.3520, 41.2480 by changing the saturation by 10% instead.

 163.4140, -8.3520,
41.2480

 163.4140, -8.3520,
41.2480


 255.0000, -0.0000,
-0.0000


 136.4740, -8.5810,
39.8910


 213.8220, 7.5140,
29.0340


 110.5340, -8.8100,
38.5340


 235.0420, 9.3500,
17.7820

 85.2950, -9.6350,
36.9650

 252.0650, 1.3750,
2.6150

 60.0560, -10.4600,
35.3960

 35.6320, -12.2020,
33.9260

 13.5340, -17.9780,
28.4700

 6.6120, -18.6180,

18.0380

■ 5.1640, -11.7850,
9.8390

■ 1.2540, -3.5310,
3.4210

■ 163.4140, -8.3520,
41.2480

■ 163.4140, -8.3520,
41.2480

■ 145.1400,
-10.0960, 50.8320

■ 181.9870, -6.0120,
31.8760

■ 125.9800,
-12.1610, 60.7270


■ 200.8480, -4.5430,
21.7690

■ 107.7060,
-13.9050, 70.3110


■ 219.1220, -2.7990,
12.1850


■ 89.1330, -16.2450,
79.6830

■ 237.6950, -0.4590,
2.8130

 70.8590, -17.9890,
89.2670

 253.0340, 2.6600,
-4.1560

 57.0040, -19.5950,
96.3490

 253.6320, 3.8520,
-3.7320

Harmonies

Analogous

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



146.9100, -78.1750, 12.5850



163.4140, -8.3520, 41.2480



162.3310, 43.4100, 50.3060

Triad

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



163.4140, -8.3520, 41.2480



155.4470, 72.8560, -9.8000



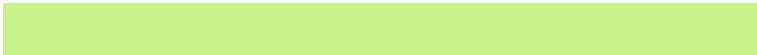
128.3170, -106.4080, -42.9520

Complementary

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



163.4140, -8.3520, 41.2480



218.5860, 8.3520, -41.2480

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.



120.2860, -87.9280, -58.4880



163.4140, -8.3520, 41.2480



151.6630, 44.9840, -33.3200

Square

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



163.4140, -8.3520, 41.2480



157.0090, 84.0380, 18.8380



145.8020, -1.1840, -44.6400



132.9570, -122.2290, -26.0450

Rectangle

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



163.4140, -8.3520, 41.2480



159.3150, 66.7020, 46.6860



145.8020, -1.1840, -44.6400



126.1510, -100.3090, -48.8610

Sweetspot

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



163.4140, -8.3520, 41.2480



229.6490, -2.8450, 13.0190



187.2500, -50.4340, -0.0820



111.7860, -1.9730, 8.2270



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.



163.4140, -8.3520, 41.2480



155.6670, -10.1420, 51.6660



178.9620, 22.6400, 52.2720



112.8630, -0.8720, 4.7920



43.6290, -15.0060, 73.7460



13.9020, -4.6350, 23.4370

Inverse Universe

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



177.1640, 42.0820, 41.3300



172.6480, 52.7630, 51.5070



203.0380, -22.6400, -52.2720



114.3860, 4.9050, 4.7210



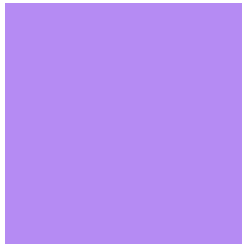
68.2680, 75.2250, 73.9530



21.6310, 23.9290, 23.3930

Previews

White Background



This preview shows how the YIQ color 163.4140, -8.3520, 41.2480 looks on a white background.

Color Contrast Check

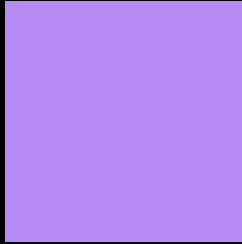
Large Text (above 18pt) WCAG AA × Fail

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 163.4140, -8.3520, 41.2480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

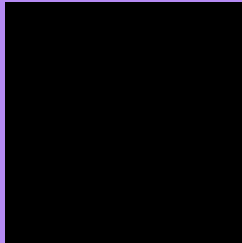
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 163.4140, -8.3520, 41.2480

Background



This preview shows how black text looks on a background with the YIQ color 163.4140, -8.3520, 41.2480.



This preview shows how white text looks on a background with the YIQ color 163.4140, -8.3520,

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

163.4140, -8.3520, 41.2480

Protanopia

156.8210, -52.6390, 23.3690

Deuteranopia

157.3560, -47.1360, 17.2480



Tritanopia

160.6570, 2.7040, 6.0640

Trichromacy



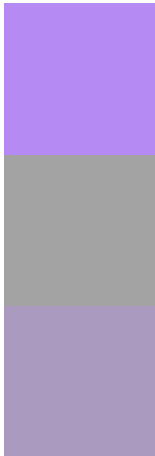
Original Color
163.4140, -8.3520, 41.2480

Protanomaly
159.4210, -36.5930, 29.9270

Deuteranomaly
159.6400, -33.0160, 25.6720

Tritanomaly
161.7080, -1.3330, 18.6590

Monochromacy



Original Color
163.4140, -8.3520, 41.2480

Achromatopsia
163.0000, -0.0000, -0.0000

Achromatomaly
163.1160, -2.6620, 15.2100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.4140, -8.3520, 41.2480 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, 139, 243)` looks like.

```
.text, #text, p{  
    color:rgb(181, 139, 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(181, 139, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 139, 243) }
```

Border

The CSS property to change the border of an element to YIQ 163.4140, -8.3520, 41.2480 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, 139, 243) }
```


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

```
.border{ border-color:rgb(181, 139, 243) }
```

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

Here you see how a box with a 4 pixel rgb(181, 139, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 139, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 139, 243);  
box-shadow:4px 4px 4px 4px rgb(181, 139,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 163.4140, -8.3520, 41.2480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 139, 243) }
```

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

```
.background{ background-color: rgb(181,  
139, 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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