

Converting Colors

YIQ(144.5500, 3.4290, 53.5170)

Have a look what the booklet for
YIQ(144.5500, 3.4290, 53.5170)
contains.

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Color

**YIQ(144.5500, 3.4290,
53.5170)**

Conversions

Conversions Part 1

Format	Color
Hex	B56DE8
RGB	181, 109, 232
RGB Percent	71%, 43%, 91%
CMY	0.2899, 0.5727, 0.0903
CMYK	0.22, 0.53, 0.00, 0.09
HSL	275°, 73%, 67%
HSV	275°, 53%, 91%
XYZ	39.0989, 26.5873, 79.3995
YIQ	144.5500, 3.4290, 53.5170

Conversions

Conversions Part 2

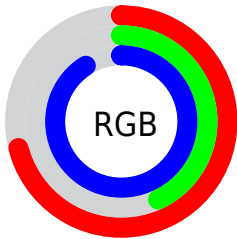
Format	Color
R _Y B	181, 109, 232
Decimal	11890152
CIE Lab	58.59, 50.35, -51.41
CIE LCh	59, 71.961, 314.400
Yxy	26.5873, 0.2695, 0.1833
Android (android.graphics.Color)	4290080232 (0xFFB56DE8)
YUV	144.5500, 43.1128, 31.9666
Hunter-Lab	51.5629, 45.1171, -55.2042

Details

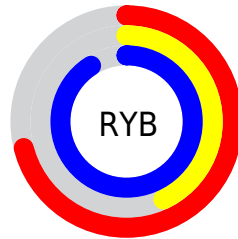
The YIQ color $144.5500, 3.4290, 53.5170$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $196.4500, -3.4290, -53.5170$, and the grayscale version is $144.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $196.2120, 15.7640, 44.7240$, and $90.8980, 2.3290, 51.4250$ is the 20% darker color. If you saturate the color by 10%, you get $128.0590, 3.7940, 63.4260$, and if you desaturate by 10%, it is $161.0410, 3.0640, 43.6080$.

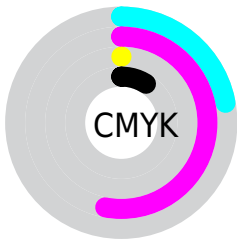
Distribution



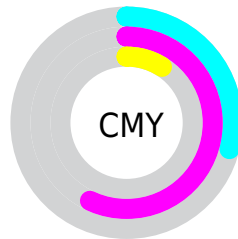
- Red (71%)
- Green (43%)
- Blue (91%)



- Red (71%)
- Yellow (43%)
- Blue (91%)



- Cyan (22%)
- Magenta (53%)
- Yellow (0%)
- Black (9%)



- Cyan (29%)
- Magenta (57%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.5500, 3.4290, 53.5170 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 144.5500, 3.4290, 53.5170 by changing the saturation by 10% instead.

144.5500, 3.4290,
53.5170

144.5500, 3.4290,
53.5170

255.0000, -0.0000,
-0.0000

117.6100, 3.2000,
52.1600

196.2120, 15.7640,
44.7240

90.8980, 2.3290,
51.4250

216.8450, 17.8750,
33.9950

64.3710, 2.3750,
50.5910

233.8680, 9.9000,
18.8280

34.8380, 2.5580,
52.7820

250.8910, 1.9250,
3.6610

23.6160, -6.1050,
39.0710

12.9920, -13.5760,
25.7840

7.2330, -16.2330,

13.3590

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,
0.0000

■ 144.5500, 3.4290,
53.5170

■ 144.5500, 3.4290,
53.5170

■ 128.0590, 3.7940,
63.4260

■ 161.0410, 3.0640,
43.6080

■ 111.8670, 4.7550,
73.5470

■ 177.2330, 2.1030,
33.4870

■ 94.7890, 5.3950,
83.9790

■ 194.3110, 1.4630,
23.0550

■ 78.5970, 6.3560,
94.1000

■ 210.5030, 0.5020,
12.9340

67.1120, 6.5840,
100.9840

226.9940, 0.1370,
3.0250

243.4850, -0.2280,
-6.8840

250.2850, 3.2110,
-8.6370

252.3780, 7.3830,
-7.1530

Harmonies

Analogous

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



123.2320, -93.5810, 16.4590



144.5500, 3.4290, 53.5170



137.1150, 62.1140, 63.7620

Triad

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



144.5500, 3.4290, 53.5170



132.5660, 82.1660, -24.3460



118.6970, -101.3660, -35.2060

Complementary

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



144.5500, 3.4290, 53.5170



196.4500, -3.4290, -53.5170

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.



109.9990, -79.6300, -54.6860



144.5500, 3.4290, 53.5170



128.4480, 43.6110, -46.9890

Square

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



144.5500, 3.4290, 53.5170



133.6590, 96.6470, 16.0950



118.0890, -18.6500, -58.5060



124.0210, -119.1130, -16.4330

Rectangle

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



144.5500, 3.4290, 53.5170



131.4150, 87.3320, 58.2760



118.0890, -18.6500, -58.5060



116.1890, -94.3040, -42.0480

Sweetspot

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



144.5500, 3.4290, 53.5170



225.8500, 1.1430, 17.8390



152.9590, -53.5080, 11.5800



110.0360, 0.3190, 10.7430



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.



144.5500, 3.4290, 53.5170



138.9870, 4.2970, 70.8330



158.6590, 37.0350, 61.2190



106.4610, 0.3200, 5.2160



51.8010, 5.1210, 77.9290



14.7840, 1.5090, 22.2210

Inverse Universe

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



151.5910, 56.9370, 41.9370



148.3750, 75.6410, 55.3930



182.3410, -37.0350, -61.2190



107.1580, 5.5470, 4.0990



61.9570, 82.9300, 60.9620



17.6430, 23.6550, 17.3430

Previews

White Background



This preview shows how the YIQ color 144.5500, 3.4290, 53.5170 looks on a white background.

Color Contrast Check

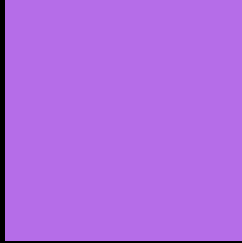
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.5500, 3.4290, 53.5170 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 144.5500, 3.4290, 53.5170

Background



This preview shows how black text looks on a background with the YIQ color 144.5500, 3.4290, 53.5170.



This preview shows how white text looks on a background with the YIQ color 144.5500, 3.4290,

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

144.5500, 3.4290, 53.5170

Protanopia

134.6050, -69.4660, 25.4620

Deuteranopia

136.3380, -55.8930, 16.2590



Tritanopia

143.3060, 17.0540, 10.3180

Trichromacy



Original Color

144.5500, 3.4290, 53.5170

Protanomaly

138.2880, -43.2880, 35.6240

Deuteranomaly

139.0900, -34.1630, 29.9410

Tritanomaly

143.8670, 11.6410, 25.8250

Monochromacy



Original Color

144.5500, 3.4290, 53.5170

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

144.9040, 1.0510, 19.5070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.5500, 3.4290, 53.5170 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, 109, 232)` looks like.

```
.text, #text, p{  
    color:rgb(181, 109, 232)  
}
```

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, 109, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 109, 232) }
```

Border

The CSS property to change the border of an element to YIQ 144.5500, 3.4290, 53.5170 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, 109, 232) }
```


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

```
.border{ border-color:rgb(181, 109, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 109, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 109, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 109, 232);  
box-shadow:4px 4px 4px 4px rgb(181, 109,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 144.5500, 3.4290, 53.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 109, 232) }
```

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

```
.background{ background-color: rgb(181,  
109, 232) }
```

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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