

Converting Colors

YIQ(135.8140, 20.3010, 56.1170)

Have a look what the booklet for
YIQ(135.8140, 20.3010, 56.1170)
contains.

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Color

**YIQ(135.8140, 20.3010,
56.1170)**

Conversions

Conversions Part 1

Format	Color
Hex	BE5ED1
RGB	190, 94, 209
RGB Percent	75%, 37%, 82%
CMY	0.2546, 0.6315, 0.1804
CMYK	0.09, 0.55, 0.00, 0.18
HSL	290°, 56%, 59%
HSV	290°, 55%, 82%
XYZ	36.7618, 23.5586, 62.9299
YIQ	135.8140, 20.3010, 56.1170

Conversions

Conversions Part 2

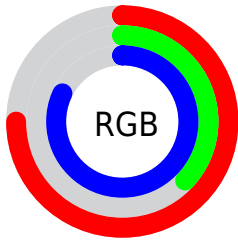
Format	Color
R _Y B	190, 94, 209
Decimal	12476113
CIE Lab	55.64, 55.49, -43.07
CIE LCh	56, 70.246, 322.181
Yxy	23.5586, 0.2983, 0.1911
Android (android.graphics.Color)	4290666193 (0xFFBE5ED1)
YUV	135.8140, 36.0807, 47.5211
Hunter-Lab	48.5372, 50.2547, -42.8951

Details

The YIQ color **135.8140, 20.3010, 56.1170** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **167.1860, -20.3010, -56.1170**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **190.0980, 25.2530, 54.4770**, and **80.5150, 19.7050, 55.9050** is the 20% darker color. If you saturate the color by 10%, you get **122.5900, 24.2880, 66.4640**, and if you desaturate by 10%, it is **149.3370, 16.9100, 45.9820**.

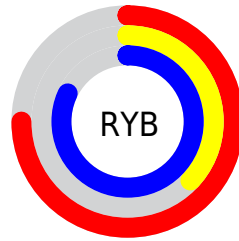
Distribution



Red (75%)

Green (37%)

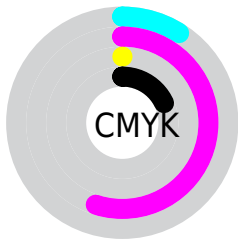
Blue (82%)



Red (75%)

Yellow (37%)

Blue (82%)

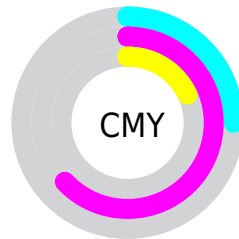


Cyan (9%)

Magenta (55%)

Yellow (0%)

Black (18%)



Cyan (25%)

Magenta (63%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.8140, 20.3010, 56.1170 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 135.8140, 20.3010, 56.1170 by changing the saturation by 10% instead.

■ 135.8140, 20.3010,
56.1170

■ 135.8140, 20.3010,
56.1170

255.0000, -0.0000,
-0.0000

■ 108.4010, 20.0260,
55.5940

■ 190.3970, 25.8490,
54.6890

■ 80.5150, 19.7050,
55.9050

■ 208.6270, 21.7250,
41.3170

■ 46.5850, 22.6840,
62.4920

■ 225.0630, 14.0250,
26.6730

■ 35.5480, 14.9380,
48.6820

■ 242.0860, 6.0500,
11.5060

■ 24.9240, 7.4670,
35.3950

■ 14.8270, -0.0500,
22.9420

■ 4.7080, -10.5010,

8.5950

■ 0.3420, -0.9630,
0.9330

■ 0.0000, 0.0000,
0.0000

■ 135.8140, 20.3010,
56.1170

■ 135.8140, 20.3010,
56.1170

■ 122.5900, 24.2880,
66.4640

■ 149.3370, 16.9100,
45.9820

■ 109.0670, 27.6790,
76.5990

■ 162.5610, 12.9230,
35.6350

■ 95.8430, 31.6660,
86.9460

■ 175.7850, 8.9360,
25.2880

■ 82.3200, 35.0570,
97.0810

■ 189.3080, 5.5450,
15.1530

■ 76.1510, 37.2110,
102.0990

■ 201.9450, 1.8330,
5.3290

■ 215.4680, -1.5580,
-4.8060

■ 228.6920, -5.5450,
-15.1530

■ 238.6930, -7.2860,
-22.1500

■ 239.5900, -5.4980,
-21.5140

Harmonies

Analogous

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



129.0520, -57.3630, 31.8930



135.8140, 20.3010, 56.1170



126.3240, 71.6510, 61.6270

Triad

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



135.8140, 20.3010, 56.1170



125.4010, 69.3290, -28.4870



114.7990, -101.4130, -28.8450

Complementary

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



135.8140, 20.3010, 56.1170



167.1860, -20.3010, -56.1170

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.



107.0300, -80.9150, -47.9150



135.8140, 20.3010, 56.1170



119.5110, 30.1320, -50.5080

Square

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



135.8140, 20.3010, 56.1170



125.9860, 90.8720, 5.1120



99.3160, -53.0820, -62.2500



118.2650, -116.6840, -10.8920

Rectangle

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



135.8140, 20.3010, 56.1170



122.8680, 90.1300, 51.6180



99.3160, -53.0820, -62.2500



112.4050, -94.6720, -35.3760

Sweetspot

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



135.8140, 20.3010, 56.1170



227.6660, 7.6530, 21.0050



118.2630, -42.1400, 25.8280



111.2430, 4.1700, 12.5380



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.



135.8140, 20.3010, 56.1170



148.0120, 29.5120, 81.9280



137.1630, 43.8230, 48.3270



97.9450, 1.8330, 5.3290



61.3110, 30.1080, 82.1400



14.8400, 7.1030, 19.9590

Inverse Universe

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



130.5510, 62.4410, 30.2890



140.3100, 91.4610, 44.0130



165.8370, -43.8230, -48.3270



97.5170, 5.9140, 2.9540



53.4240, 91.1400, 44.3240



13.0570, 22.1890, 10.8690

Previews

White Background



This preview shows how the YIQ color 135.8140, 20.3010, 56.1170 looks on a white background.

Color Contrast Check

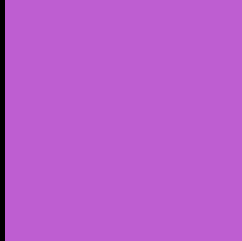
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.8140, 20.3010, 56.1170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

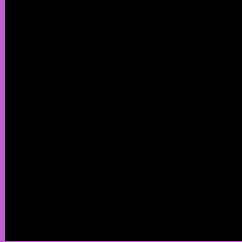
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.8140, 20.3010, 56.1170

Background



This preview shows how black text looks on a background with the YIQ color 135.8140, 20.3010, 56.1170.



This preview shows how white text looks on a background with the YIQ color 135.8140, 20.3010,

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

135.8140, 20.3010, 56.1170

Protanopia

127.5190, -66.3480, 24.0200

Deuteranopia

131.5970, -40.6250, 14.8870



Tritanopia

135.8630, 34.6590, 16.1550

Trichromacy



Original Color

135.8140, 20.3010, 56.1170

Protanomaly

130.4800, -35.0810, 35.5670

Deuteranomaly

133.2890, -18.6660, 29.9260

Tritanomaly

135.8970, 29.2920, 30.8280

Monochromacy



Original Color

135.8140, 20.3010, 56.1170

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.2530, 7.3780, 20.4820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.8140, 20.3010, 56.1170 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(190, 94, 209)` looks like.

```
.text, #text, p{  
    color:rgb(190, 94, 209)  
}
```

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(190, 94, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 94, 209) }
```

Border

The CSS property to change the border of an element to YIQ 135.8140, 20.3010, 56.1170 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(190, 94, 209) }
```


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

```
.border{ border-color:rgb(190, 94, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 94, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 94, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 94, 209);  
box-shadow:4px 4px 4px 4px rgb(190, 94,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 135.8140, 20.3010, 56.1170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 94, 209) }
```

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

```
.background{ background-color: rgb(190, 94,  
209) }
```

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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