

Converting Colors

YIQ(121.8140, 20.3010, 56.1170)

Have a look what the booklet for
YIQ(121.8140, 20.3010, 56.1170)
contains.

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Color

**YIQ(121.8140, 20.3010,
56.1170)**

Conversions

Conversions Part 1

Format	Color
Hex	B050C3
RGB	176, 80, 195
RGB Percent	69%, 31%, 76%
CMY	0.3095, 0.6864, 0.2353
CMYK	0.10, 0.59, 0.00, 0.24
HSL	290°, 49%, 54%
HSV	290°, 59%, 76%
XYZ	30.6376, 18.9105, 53.6638
YIQ	121.8140, 20.3010, 56.1170

Conversions

Conversions Part 2

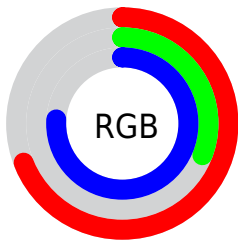
Format	Color
R_{YB}	176, 80, 195
Decimal	11555011
CIE _{Lab}	50.58, 55.83, -43.18
CIE _{LCh}	51, 70.585, 322.281
Yxy	18.9105, 0.2968, 0.1832
Android (android.graphics.Color)	4289745091 (0xFFB050C3)
YUV	121.8140, 36.0807, 47.5211
Hunter-Lab	43.4862, 49.6588, -42.7259

Details

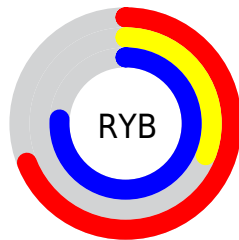
The YIQ color **121.8140, 20.3010, 56.1170** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **153.1860, -20.3010, -56.1170**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **177.3520, 21.7220, 57.8980**, and **64.2810, 20.4840, 58.3080** is the 20% darker color. If you saturate the color by 10%, you get **109.1770, 24.0130, 65.9410**, and if you desaturate by 10%, it is **133.8640, 16.8640, 46.8160**.

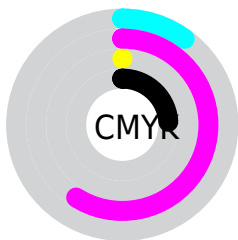
Distribution



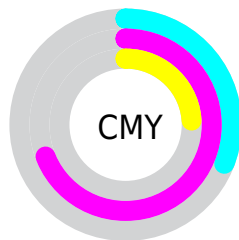
- Red (69%)
- Green (31%)
- Blue (76%)



- Red (69%)
- Yellow (31%)
- Blue (76%)



- Cyan (10%)
- Magenta (59%)
- Yellow (0%)
- Black (24%)



- Cyan (31%)
- Magenta (69%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.8140, 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 121.8140, 20.3010, 56.1170 by changing the saturation by 10% instead.

121.8140, 20.3010,
56.1170

121.8140, 20.3010,
56.1170

255.0000, -0.0000,
-0.0000

94.4010, 20.0260,
55.5940

177.3520, 21.7220,
57.8980

64.2810, 20.4840,
58.3080

200.4090, 25.5750,
48.6390

40.9170, 18.5130,
55.4810

216.8450, 17.8750,
33.9950

30.2930, 11.0420,
42.1940

233.2810, 10.1750,
19.3510

20.6800, 5.0380,
29.8540

250.8910, 1.9250,
3.6610

5.6850, -11.6940,
13.6980

2.8670, -6.6950,

5.6970

■ 0.0000, 0.0000,
0.0000

■ 121.8140, 20.3010,
56.1170

■ 121.8140, 20.3010,
56.1170

■ 109.1770, 24.0130,
65.9410

■ 133.8640, 16.8640,
46.8160

■ 97.1270, 27.4500,
75.2420

■ 146.5010, 13.1520,
36.9920

■ 84.1910, 30.5660,
84.8540

■ 158.8500, 10.3110,
27.9030

■ 72.1410, 34.0030,
94.1550

■ 171.4870, 6.5990,
18.0790

■ 70.9670, 34.5530,
95.2010

■ 183.5370, 3.1620,
8.7780

■ 196.1740, -0.5500,
-1.0460

■ 208.5230, -3.3910,
-10.1350

■ 221.1600, -7.1030,
-19.9590

■ 233.2100,
-10.5400, -29.2600

Harmonies

Analogous

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



114.7420, -59.4260, 30.7340



121.8140, 20.3010, 56.1170



109.7910, 71.8340, 63.8180

Triad

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



121.8140, 20.3010, 56.1170



113.2850, 63.9640, -24.8680



105.0990, -93.3900, -25.5660

Complementary

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



121.8140, 20.3010, 56.1170



153.1860, -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.



97.3300, -72.8920, -44.6360



121.8140, 20.3010, 56.1170



107.6940, 25.3630, -46.6770

Square

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



121.8140, 20.3010, 56.1170



112.0460, 90.6430, 3.7550



87.0990, -50.9730, -61.9250



108.4510, -108.3400, -7.9240

Rectangle

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



121.8140, 20.3010, 56.1170



106.1500, 89.3960, 53.9080



87.0990, -50.9730, -61.9250



102.7050, -86.6490, -32.0970

Sweetspot

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



121.8140, 20.3010, 56.1170



223.4920, 8.2030, 22.0510



104.2630, -42.1400, 25.8280



109.4820, 4.9950, 14.1070



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.



121.8140, 20.3010, 56.1170



138.2560, 31.9410, 87.4690



123.1630, 43.8230, 48.3270



90.5320, 1.5580, 4.8060



58.4200, 28.1830, 78.4790



12.1340, 6.0950, 16.1990

Inverse Universe

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



116.5510, 62.4410, 30.2890



129.9410, 97.0540, 47.2780



151.8370, -43.8230, -48.3270



90.2180, 5.3180, 2.7420



51.1030, 87.6100, 42.2180



10.4370, 18.0630, 8.5510

Previews

White Background



This preview shows how the YIQ color 121.8140, 20.3010, 56.1170 looks on a white background.

Color Contrast Check

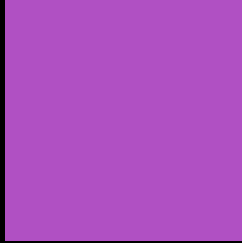
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.8140, 20.3010, 56.1170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

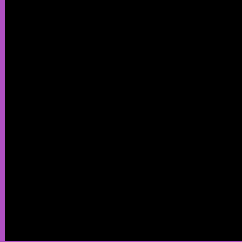
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.8140, 20.3010, 56.1170

Background



This preview shows how black text looks on a background with the YIQ color 121.8140, 20.3010, 56.1170.



This preview shows how white text looks on a background with the YIQ color 121.8140, 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

121.8140, 20.3010, 56.1170

Protanopia

111.9420, -72.0330, 22.4230

Deuteranopia

118.1730, -42.3670, 13.4170



Tritanopia

122.4500, 34.3840, 15.6320

Trichromacy



Original Color

121.8140, 20.3010, 56.1170



Protanomaly

115.6860, -38.6570, 34.2950



Deuteranomaly

119.5770, -19.5370, 29.1910



Tritanomaly

122.4840, 29.0170, 30.3050

Monochromacy



Original Color

121.8140, 20.3010, 56.1170



Achromatopsia

122.0000, 0.0000, -0.0000



Achromatomaly

122.2530, 7.3780, 20.4820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.8140, 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(176, 80, 195)` looks like.

```
.text, #text, p{  
    color:rgb(176, 80, 195)  
}
```

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(176, 80, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 80, 195) }
```

Border

The CSS property to change the border of an element to YIQ 121.8140, 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(176, 80, 195) }
```


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

```
.border{ border-color:rgb(176, 80, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 80, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 80, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 80, 195);  
box-shadow:4px 4px 4px 4px rgb(176, 80,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 121.8140, 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(176, 80, 195) }
```

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

```
.background{ background-color: rgb(176, 80,  
195) }
```

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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