

Converting Colors

YIQ(141.6020, 22.8730, 31.5210)

Have a look what the booklet for
YIQ(141.6020, 22.8730, 31.5210)
contains.

YIQ(141.6020, 22.8730, 31.5210)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(141.6020, 22.8730,
31.5210)**

Conversions

Conversions Part 1

Format	Color
Hex	B773AA
RGB	183, 115, 170
RGB Percent	72%, 45%, 67%
CMY	0.2822, 0.5491, 0.3333
CMYK	0.00, 0.37, 0.07, 0.28
HSL	311°, 32%, 58%
HSV	311°, 37%, 72%
XYZ	32.9247, 25.2311, 41.1711
YIQ	141.6020, 22.8730, 31.5210

Conversions

Conversions Part 2

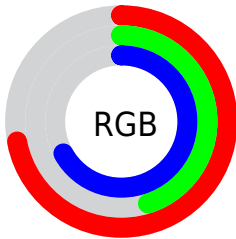
Format	Color
RYB	183, 115, 170
Decimal	12022698
CIELab	57.30, 35.21, -18.24
CIELCh	57, 39.653, 332.605
Yxy	25.2311, 0.3315, 0.2540
Android (android.graphics.Color)	4290212778 (0xFFB773AA)
YUV	141.6020, 14.0002, 36.3060
Hunter-Lab	50.2306, 29.0979, -13.4351

Details

The YIQ color **141.6020, 22.8730, 31.5210** is a light color, and the websafe version is hex **996699**. A complement of this color would be **156.3980, -22.8730, -31.5210**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.0260, 24.6150, 32.9910**, and **90.1780, 21.1310, 30.0510** is the 20% darker color. If you saturate the color by 10%, you get **130.6940, 28.7860, 40.0020**, and if you desaturate by 10%, it is **152.6240, 16.6390, 23.3510**.

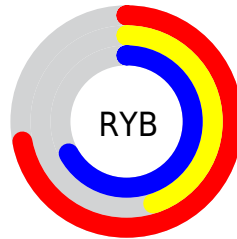
Distribution



Red (72%)

Green (45%)

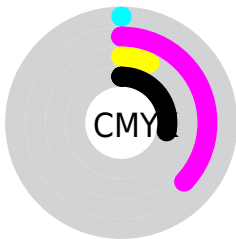
Blue (67%)



Red (72%)

Yellow (45%)

Blue (67%)

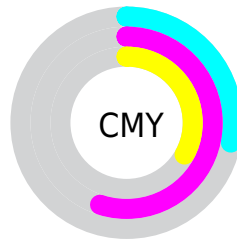


Cyan (0%)

Magenta (37%)

Yellow (7%)

Black (28%)



Cyan (28%)

Magenta (55%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 141.6020, 22.8730, 31.5210 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 141.6020, 22.8730, 31.5210 by changing the saturation by 10% instead.

■ 141.6020, 22.8730,
31.5210

■ 141.6020, 22.8730,
31.5210

■ 255.0000, -0.0000,
-0.0000

■ 115.7760, 22.3230,
30.4750

■ 196.0260, 24.6150,
32.9910

■ 90.1780, 21.1310,
30.0510

■ 220.2530, 16.5460,
30.5460

■ 64.8790, 20.5350,
29.8390

■ 236.8030, 8.5250,
16.2130

■ 39.6940, 19.6180,
29.9380

■ 253.8260, 0.5500,
1.0460

■ 21.2050, 16.5010,
25.8530

■ 12.2330, 10.1300,
14.6580

■ 0.0000, 0.0000,

0.0000

■ 141.6020, 22.8730,
31.5210

■ 141.6020, 22.8730,
31.5210

■ 130.6940, 28.7860,
40.0020

■ 152.6240, 16.6390,
23.3510

■ 119.0850, 35.2950,
48.6950

■ 164.1190, 10.4510,
14.3470

■ 108.0630, 41.5290,
56.8650

■ 175.1410, 4.2170,
6.1770

■ 97.1550, 47.4420,
65.3460

■ 186.0490, -1.6960,
-2.3040

■ 85.5460, 53.9510,
74.0390

■ 197.6580, -8.2050,
-10.9970

■ 74.6380, 59.8640,
82.5200

■ 208.5660,
-14.1180, -19.4780

71.5890, 61.5600,
84.8240

219.5880,
-20.3520, -27.6480

226.9740,
-24.6150, -32.9910

227.4300,
-25.8990, -31.7470

Harmonies

Analogous

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



140.2480, -11.4210, 25.2750



141.6020, 22.8730, 31.5210



139.8850, 46.7610, 28.1130

Triad

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



141.6020, 22.8730, 31.5210



134.7010, 33.7940, -17.7420



110.2340, -98.2040, -26.4280

Complementary

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



141.6020, 22.8730, 31.5210



156.3980, -22.8730, -31.5210

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.



106.9450, -87.5650, -37.5250



141.6020, 22.8730, 31.5210



130.3600, 6.6530, -26.9710

Square

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



141.6020, 22.8730, 31.5210



136.5820, 50.8470, -1.8970



124.3910, -30.1630, -31.5630



110.0350, -104.5330, -16.3490

Rectangle

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



141.6020, 22.8730, 31.5210



138.7360, 54.1900, 20.1260



124.3910, -30.1630, -31.5630



109.5670, -94.9480, -30.3720

Sweetspot

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



141.6020, 22.8730, 31.5210



221.1680, 8.7550, 12.0430



126.3400, -14.6760, 23.6920



110.2660, 5.3630, 7.4350



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



141.6020, 22.8730, 31.5210



171.9110, 35.8450, 49.7410



137.8400, 33.4660, 21.2580



86.4890, 3.1170, 4.0850



61.0080, 52.5300, 72.2580



10.9940, 9.3050, 13.0890

Inverse Universe

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



141.6020, 22.8730, 31.5210



171.9110, 35.8450, 49.7410



160.1600, -33.4660, -21.2580



86.4890, 3.1170, 4.0850



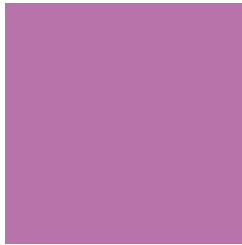
61.0080, 52.5300, 72.2580



10.9940, 9.3050, 13.0890

Previews

White Background



This preview shows how the YIQ color 141.6020, 22.8730, 31.5210 looks on a white background.

Color Contrast Check

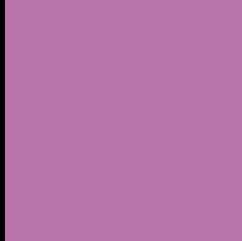
Large Text (above 18pt) WCAG AA ✓ Pass

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 141.6020, 22.8730, 31.5210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

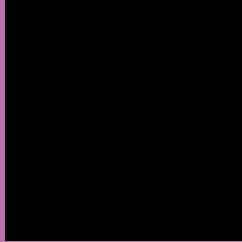
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 141.6020, 22.8730, 31.5210

Background



This preview shows how black text looks on a background with the YIQ color 141.6020, 22.8730, 31.5210.



This preview shows how white text looks on a background with the YIQ color 141.6020, 22.8730,

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

141.6020, 22.8730, 31.5210

Protanopia

137.9980, -22.8810, 12.6950

Deuteranopia

139.1320, -8.7590, 10.0650



Tritanopia

140.4710, 29.8910, 14.4590

Trichromacy



Original Color

141.6020, 22.8730, 31.5210

Protanomaly

139.0110, -6.5600, 19.7760

Deuteranomaly

140.2200, 2.9770, 17.6410

Tritanomaly

140.9040, 27.4140, 20.8060

Monochromacy



Original Color

141.6020, 22.8730, 31.5210

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

141.7550, 8.4800, 11.5200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.6020, 22.8730, 31.5210 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(183, 115, 170)` looks like.

```
.text, #text, p{  
    color:rgb(183, 115, 170)  
}
```

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(183, 115, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 115, 170) }
```

Border

The CSS property to change the border of an element to YIQ 141.6020, 22.8730, 31.5210 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(183, 115, 170) }
```


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

```
.border{ border-color:rgb(183, 115, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 115, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 115, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 115, 170);  
box-shadow:4px 4px 4px 4px rgb(183, 115,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 141.6020, 22.8730, 31.5210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 115, 170) }
```

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

```
.background{ background-color: rgb(183,  
115, 170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor