

Converting Colors

YIQ(101.1220, 53.3500,
101.4620)

Have a look what the booklet for
YIQ(101.1220, 53.3500, 101.4620)
contains.

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Color

**YIQ(101.1220, 53.3500,
101.4620)**

Conversions

Conversions Part 1

Format	Color
Hex	D715D7
RGB	215, 21, 215
RGB Percent	84%, 8%, 84%
CMY	0.1563, 0.9179, 0.1568
CMYK	0.00, 0.90, 0.00, 0.16
HSL	300°, 82%, 46%
HSV	300°, 90%, 84%
XYZ	40.6024, 19.9100, 66.0036
YIQ	101.1220, 53.3500, 101.4620

Conversions

Conversions Part 2

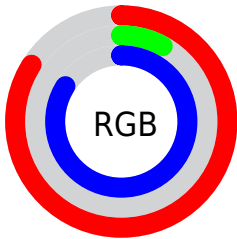
Format	Color
R _Y B	215, 21, 215
Decimal	14095831
CIE Lab	51.74, 84.60, -52.48
CIE LCh	52, 99.558, 328.189
Yxy	19.9100, 0.3209, 0.1574
Android (android.graphics.Color)	4292285911 (0xFFD715D7)
YUV	101.1220, 56.1419, 99.8710
Hunter-Lab	44.6207, 84.3393, -56.4682

Details

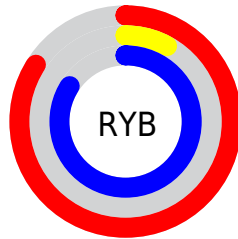
The YIQ color **101.1220, 53.3500, 101.4620** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **134.8780, -53.3500, -101.4620**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6020, 42.3500, 80.5420**, and **64.4710, 41.3410, 82.3090** is the 20% darker color. If you saturate the color by 10%, you get **88.7950, 59.1250, 112.4450**, and if you desaturate by 10%, it is **113.4490, 47.5750, 90.4790**.

Distribution



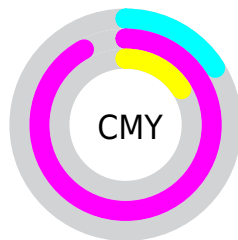
- Red (84%)
- Green (8%)
- Blue (84%)



- Red (84%)
- Yellow (8%)
- Blue (84%)



- Cyan (0%)
- Magenta (90%)
- Yellow (0%)
- Black (16%)





- Cyan (16%)
- Magenta (92%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 101.1220, 53.3500, 101.4620 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 101.1220, 53.3500, 101.4620 by changing the saturation by 10% instead.


 101.1220, 53.3500,
101.4620


 101.1220, 53.3500,
101.4620


255.0000, -0.0000,
-0.0000


 76.6330, 50.2330,
97.3770

 164.6020, 42.3500,
80.5420


 64.4710, 41.3410,
82.3090


 182.7990, 33.8250,
64.3290

 52.8360, 32.4030,
68.0750

 200.4090, 25.5750,
48.6390

 41.2010, 23.4650,
53.8410

 218.0190, 17.3250,
32.9490

 30.2780, 15.3980,
40.3420

 235.6290, 9.0750,
17.2590

 18.5720, 5.2220,
26.5180

253.8260, 0.5500,

 3.9900, -11.2350,

1.0460

10.8850

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,
0.0000

■ 101.1220, 53.3500,
101.4620

■ 101.1220, 53.3500,
101.4620

■ 88.7950, 59.1250,
112.4450

■ 113.4490, 47.5750,
90.4790

■ 126.3630, 41.5250,
78.9730

■ 138.6900, 35.7500,
67.9900

■ 151.6040, 29.7000,
56.4840

■ 164.5180, 23.6500,
44.9780

■ 176.8450, 17.8750,
33.9950

■ 189.7590, 11.8250,
22.4890

■ 202.0860, 6.0500,
11.5060

■ 215.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



112.2550, -64.8840, 41.5480



101.1220, 53.3500, 101.4620



91.4070, 109.2870, 95.4230

Triad

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



101.1220, 53.3500, 101.4620



116.1980, 59.6550, -29.3770



115.3010, -108.3380, -18.9780

Complementary

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



101.1220, 53.3500, 101.4620



134.8780, -53.3500, -101.4620

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.



104.2090, -79.8610, -44.9890



101.1220, 53.3500, 101.4620



102.8000, 1.1570, -59.5390

Square

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



101.1220, 53.3500, 101.4620



109.7940, 109.0280, 6.4680



89.2070, -43.1300, -77.4180



118.8810, -123.9300, -0.7140

Rectangle

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



101.1220, 53.3500, 101.4620



85.0230, 127.2630, 78.0070



89.2070, -43.1300, -77.4180



112.1090, -99.3500, -27.6860

Sweetspot

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



101.1220, 53.3500, 101.4620



214.4970, 18.9750, 36.0870



43.1160, -62.2740, 60.3340



103.8190, 11.5960, 21.1320



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.



101.1220, 53.3500, 101.4620



105.3150, 70.1250, 133.3650



90.0640, 84.4870, 71.2950



100.5430, 3.0250, 5.7530



70.6230, 47.0250, 89.4330



17.7590, 11.8250, 22.4890

Inverse Universe

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



101.1220, 53.3500, 101.4620



105.3150, 70.1250, 133.3650



145.9360, -84.4870, -71.2950



100.5430, 3.0250, 5.7530



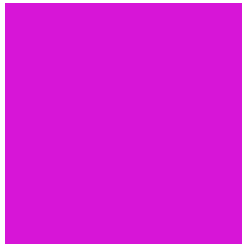
70.6230, 47.0250, 89.4330



17.7590, 11.8250, 22.4890

Previews

White Background



This preview shows how the YIQ color 101.1220, 53.3500, 101.4620 looks on a white background.

Color Contrast Check

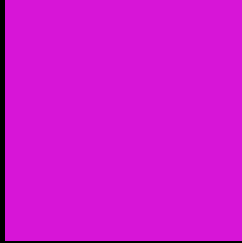
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.1220, 53.3500, 101.4620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

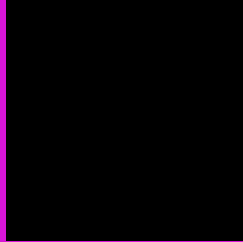
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 101.1220, 53.3500, 101.4620

Background



This preview shows how black text looks on a background with the YIQ color 101.1220, 53.3500, 101.4620.



This preview shows how white text looks on a background with the YIQ color 101.1220, 53.3500,

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

101.1220, 53.3500, 101.4620

Protanopia

99.3960, -114.5340, 16.2340

Deuteranopia

119.1270, -53.9210, 13.5590



Tritanopia

121.3680, 67.2100, 26.4580

Trichromacy



Original Color

101.1220, 53.3500, 101.4620



Protanomaly

99.9900, -53.6520, 47.2440



Deuteranomaly

112.6400, -14.6800, 45.8000



Tritanomaly

113.9050, 62.3450, 54.0650

Monochromacy



Original Color

101.1220, 53.3500, 101.4620



Achromatopsia

101.0000, -0.0000, 0.0000



Achromatomaly

101.2090, 19.8460, 36.8220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.1220, 53.3500, 101.4620 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(215, 21, 215)` looks like.

```
.text, #text, p{  
    color:rgb(215, 21, 215)  
}
```

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(215, 21, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 21, 215) }
```

Border

The CSS property to change the border of an element to YIQ 101.1220, 53.3500, 101.4620 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(215, 21, 215) }
```


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

```
.border{ border-color:rgb(215, 21, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 21, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 21, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 21, 215);  
box-shadow:4px 4px 4px 4px rgb(215, 21,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 101.1220, 53.3500, 101.4620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 21, 215) }
```

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

```
.background{ background-color: rgb(215, 21,  
215) }
```

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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