

Converting Colors

YIQ(126.1220, 53.3500,
101.4620)

Have a look what the booklet for
YIQ(126.1220, 53.3500, 101.4620)
contains.

YIQ(126.1220, 53.3500, 101.4620)	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(126.1220, 53.3500,
101.4620)**

Conversions

Conversions Part 1

Format	Color
Hex	F02EF0
RGB	240, 46, 240
RGB Percent	94%, 18%, 94%
CMY	0.0582, 0.8199, 0.0588
CMYK	0.00, 0.81, 0.00, 0.06
HSL	300°, 87%, 56%
HSV	300°, 81%, 94%
XYZ	52.6900, 26.7911, 84.8444
YIQ	126.1220, 53.3500, 101.4620

Conversions

Conversions Part 2

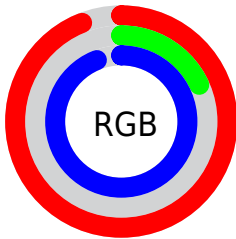
Format	Color
R _{YB}	240, 46, 240
Decimal	15740656
CIE _{Lab}	58.78, 88.41, -55.11
CIE _{LCh}	59, 104.180, 328.063
Yxy	26.7911, 0.3206, 0.1630
Android (android.graphics.Color)	4293930736 (0xFFFF02EF0)
YUV	126.1220, 56.1419, 99.8710
Hunter-Lab	51.7602, 91.1263, -60.9551

Details

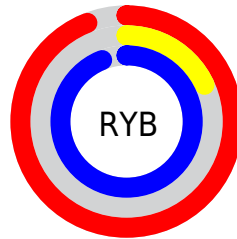
The YIQ color $126.1220, 53.3500, 101.4620$ is a light color, and the websafe version is hex $FF33FF$. The color can be described as light washed magenta. A complement of this color would be $159.8780, -53.3500, -101.4620$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $173.9940, 37.9500, 72.1740$, and $74.3830, 47.9410, 94.8610$ is the 20% darker color. If you saturate the color by 10%, you get $112.0340, 59.9500, 114.0140$, and if you desaturate by 10%, it is $140.2100, 46.7500, 88.9100$.

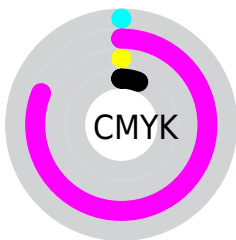
Distribution



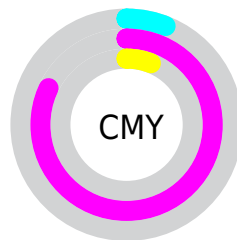
- Red (94%)
- Green (18%)
- Blue (94%)



- Red (94%)
- Yellow (18%)
- Blue (94%)



- Cyan (0%)
- Magenta (81%)
- Yellow (0%)
- Black (6%)





- Cyan (6%)
- Magenta (82%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.1220, 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 126.1220, 53.3500, 101.4620 by changing the saturation by 10% instead.


 126.1220, 53.3500,
101.4620


 126.1220, 53.3500,
101.4620


255.0000, -0.0000,
-0.0000


 86.8440, 57.4290,
110.1410


 173.9940, 37.9500,
72.1740


 74.3830, 47.9410,
94.8610


 192.1910, 29.4250,
55.9610


 62.6340, 39.3240,
80.3160


 209.8010, 21.1750,
40.2710

 50.5860, 30.1110,
65.5590

 227.9980, 12.6500,
24.0580

 38.9510, 21.1730,
51.3250

 245.6080, 4.4000,
8.3680

 28.0280, 13.1060,
37.8260

 15.7240, 1.7380,

23.5780

■ 4.8220, -10.8220,
8.9060

■ 0.3420, -0.9630,
0.9330

■ 126.1220, 53.3500,
101.4620

■ 126.1220, 53.3500,
101.4620

■ 112.0340, 59.9500,
114.0140

■ 140.2100, 46.7500,
88.9100

■ 99.1200, 66.0000,
125.5200

■ 154.2980, 40.1500,
76.3580

■ 168.3860, 33.5500,
63.8060

■ 182.4740, 26.9500,
51.2540

■ 196.5620, 20.3500,
38.7020

■ 210.6500, 13.7500,
26.1500

■ 224.7380, 7.1500,
13.5980

■ 238.8260, 0.5500,
1.0460

■ 248.8050, -4.1250,
-7.8450

Harmonies

Analogous

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



128.5130, -57.0430, 37.1090



126.1220, 53.3500, 101.4620



93.5730, 103.1880, 101.3320

Triad

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



126.1220, 53.3500, 101.4620



132.7550, 68.0920, -33.6040



130.2500, -121.4960, -22.8080

Complementary

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



126.1220, 53.3500, 101.4620



159.8780, -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.



119.0610, -91.3680, -51.2080



126.1220, 53.3500, 101.4620



119.0360, 6.0640, -65.8720

Square

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



126.1220, 53.3500, 101.4620



126.9600, 120.1240, 3.6120



103.5860, -54.6830, -82.8030



130.6210, -129.4300, -11.1740

Rectangle

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



126.1220, 53.3500, 101.4620



86.7330, 122.4480, 82.6720



103.5860, -54.6830, -82.8030



126.8300, -111.8660, -32.1380

Sweetspot

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



126.1220, 53.3500, 101.4620



219.1930, 16.7750, 31.9030



68.1160, -62.2740, 60.3340



106.1670, 10.4960, 19.0400



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.



126.1220, 53.3500, 101.4620



110.0110, 67.9250, 129.1810



115.0640, 84.4870, 71.2950



112.9560, 3.3000, 6.2760



75.8780, 50.9210, 95.9210



23.1280, 15.4000, 29.2880

Inverse Universe

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



126.1220, 53.3500, 101.4620



110.0110, 67.9250, 129.1810



170.9360, -84.4870, -71.2950



112.9560, 3.3000, 6.2760



75.8780, 50.9210, 95.9210



23.1280, 15.4000, 29.2880

Previews

White Background



This preview shows how the YIQ color 126.1220, 53.3500, 101.4620 looks on a white background.

Color Contrast Check

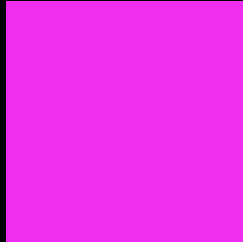
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.1220, 53.3500, 101.4620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

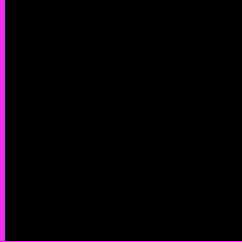
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.1220, 53.3500, 101.4620

Background



This preview shows how black text looks on a background with the YIQ color 126.1220, 53.3500, 101.4620.



This preview shows how white text looks on a background with the YIQ color 126.1220, 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

126.1220, 53.3500, 101.4620

Protanopia

134.8930, -70.3370, 24.7270

Deuteranopia

136.7400, -57.0850, 15.8350



Tritanopia

139.1730, 72.2530, 28.6770

Trichromacy



Original Color

126.1220, 53.3500, 101.4620



Protanomaly

131.9950, -25.6850, 52.5150



Deuteranomaly

132.9110, -16.8810, 47.1430



Tritanomaly

134.4000, 65.3250, 55.1250

Monochromacy



Original Color

126.1220, 53.3500, 101.4620



Achromatopsia

126.0000, 0.0000, 0.0000



Achromatomaly

126.2090, 19.8460, 36.8220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.1220, 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(240, 46, 240)` looks like.

```
.text, #text, p{  
    color:rgb(240, 46, 240)  
}
```

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(240, 46, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 46, 240) }
```

Border

The CSS property to change the border of an element to YIQ 126.1220, 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(240, 46, 240) }
```


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

```
.border{ border-color:rgb(240, 46, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 46, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 46, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 46, 240);  
box-shadow:4px 4px 4px 4px rgb(240, 46,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 126.1220, 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(240, 46, 240) }
```

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

```
.background{ background-color: rgb(240, 46,  
240) }
```

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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