

Converting Colors

YIQ(173.3260, 6.2750, 34.9710)

Have a look what the booklet for
YIQ(173.3260, 6.2750, 34.9710)
contains.

YIQ(173.3260, 6.2750, 34.9710)	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(173.3260, 6.2750,
34.9710)**

Conversions

Conversions Part 1

Format	Color
Hex	C995E2
RGB	201, 149, 226
RGB Percent	79%, 58%, 89%
CMY	0.2116, 0.4158, 0.1138
CMYK	0.11, 0.34, 0.00, 0.11
HSL	281°, 57%, 74%
HSV	281°, 34%, 89%
XYZ	48.5694, 39.4021, 76.9906
YIQ	173.3260, 6.2750, 34.9710

Conversions

Conversions Part 2

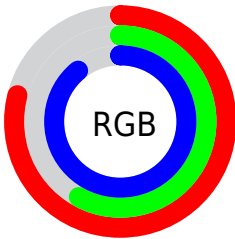
Format	Color
R_{YB}	201, 149, 226
Decimal	13211106
CIE _{Lab}	69.04, 33.18, -31.56
CIE _{LCh}	69, 45.791, 316.439
Yxy	39.4021, 0.2944, 0.2389
Android (android.graphics.Color)	4291401186 (0xFFC995E2)
YUV	173.3260, 25.9683, 24.2701
Hunter-Lab	62.7711, 28.2658, -28.7812

Details

The YIQ color $173.3260, 6.2750, 34.9710$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $201.6740, -6.2750, -34.9710$, and the grayscale version is $173.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $225.0630, 14.0250, 26.6730$, and $119.9730, 5.7710, 33.0910$ is the 20% darker color. If you saturate the color by 10%, you get $157.7320, 8.4280, 45.5160$, and if you desaturate by 10%, it is $188.9200, 4.1220, 24.4260$.

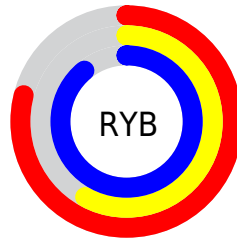
Distribution



Red (79%)

Green (58%)

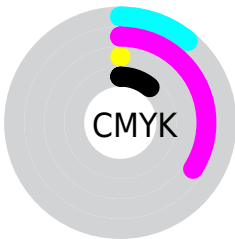
Blue (89%)



Red (79%)

Yellow (58%)

Blue (89%)

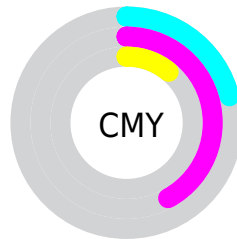


Cyan (11%)

Magenta (34%)

Yellow (0%)

Black (11%)



Cyan (21%)

Magenta (42%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.3260, 6.2750, 34.9710 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 173.3260, 6.2750, 34.9710 by changing the saturation by 10% instead.

■ 173.3260, 6.2750,
34.9710

■ 173.3260, 6.2750,
34.9710

255.0000, -0.0000,
-0.0000

■ 146.5000, 5.7250,
33.9250

■ 225.0630, 14.0250,
26.6730

■ 119.9730, 5.7710,
33.0910

■ 241.4990, 6.3250,
12.0290

■ 94.8480, 4.6250,
31.8330

■ 70.3210, 4.6710,
30.9990

■ 46.4950, 4.1210,
29.9530

■ 22.1960, 3.5250,
29.7410

■ 13.0180, 0.7300,

19.8180

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 173.3260, 6.2750,
34.9710

■ 173.3260, 6.2750,
34.9710

■ 157.7320, 8.4280,
45.5160

■ 188.9200, 4.1220,
24.4260

■ 142.4260, 9.7100,
55.3260

■ 204.2260, 2.8400,
14.6160

■ 126.8320, 11.8630,
65.8710

■ 219.8200, 0.6870,
4.0710

■ 111.8250, 13.7410,
75.8930

■ 234.8270, -1.1910,
-5.9510

■ 95.9320, 15.2980,
86.2260

■ 246.6110, -0.8230,
-12.6230

■ 80.3380, 17.4510,
96.7710

■ 248.7040, 3.3490,
-11.1390

■ 71.5110, 18.6420,
102.7220

■ 250.7970, 7.5210,
-9.6550

■ 251.6940, 9.3090,
-9.0190

Harmonies

Analogous

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



167.5850, -40.3510, 20.9370



173.3260, 6.2750, 34.9710



172.5290, 42.3120, 37.1600

Triad

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



173.3260, 6.2750, 34.9710



166.6280, 53.2330, -12.1030



133.3040, -113.5610, -39.9690

Complementary

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



173.3260, 6.2750, 34.9710



201.6740, -6.2750, -34.9710

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.



146.0540, -63.1270, -39.8870



173.3260, 6.2750, 34.9710



162.8970, 27.0100, -26.9580

Square

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



173.3260, 6.2750, 34.9710



168.5180, 66.0670, 8.6190



157.3360, -11.1350, -34.9990



135.6470, -124.2920, -27.2040

Rectangle

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



173.3260, 6.2750, 34.9710



170.8650, 58.6810, 32.3530



157.3360, -11.1350, -34.9990



131.5940, -108.7460, -44.6340

Sweetspot

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



173.3260, 6.2750, 34.9710



237.9330, 2.1070, 11.3790



173.0400, -31.8670, 10.3490



117.1130, 1.4200, 7.3080



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.



173.3260, 6.2750, 34.9710



183.1990, 8.6110, 47.7070



179.3190, 25.3480, 36.2280



104.6460, 1.2370, 5.1170



55.6450, 14.4280, 79.9640



15.3390, 4.2600, 21.9240

Inverse Universe

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



174.8730, 37.8670, 24.0990



185.2710, 51.6660, 32.8340



195.6810, -25.3480, -36.2280



104.7450, 5.2720, 3.5760



59.1220, 86.5990, 55.0390



16.1760, 23.4720, 15.1520

Previews

White Background



This preview shows how the YIQ color 173.3260, 6.2750, 34.9710 looks on a white background.

Color Contrast Check

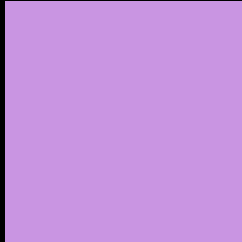
Large Text (above 18pt) WCAG AA × Fail

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 173.3260, 6.2750, 34.9710 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 ✓ Pass

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

YIQ 173.3260, 6.2750, 34.9710

Background



This preview shows how black text looks on a background with the YIQ color 173.3260, 6.2750, 34.9710.



This preview shows how white text looks on a background with the YIQ color 173.3260, 6.2750,

34.9710.

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

173.3260, 6.2750, 34.9710

Protanopia

168.3420, -35.3530, 18.4630

Deuteranopia

169.5080, -24.2570, 15.6070



Tritanopia

171.2350, 15.8160, 10.7280

Trichromacy



Original Color

173.3260, 6.2750, 34.9710

Protanomaly

170.2300, -20.1780, 24.2860

Deuteranomaly

170.8840, -13.3920, 22.4480

Tritanomaly

172.0640, 12.2840, 19.6760

Monochromacy



Original Color

173.3260, 6.2750, 34.9710

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.8730, 2.3360, 12.7360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.3260, 6.2750, 34.9710 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(201, 149, 226)` looks like.

```
.text, #text, p{  
    color:rgb(201, 149, 226)  
}
```

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(201, 149, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 149, 226) }
```

Border

The CSS property to change the border of an element to YIQ 173.3260, 6.2750, 34.9710 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(201, 149, 226) }
```


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

```
.border{ border-color:rgb(201, 149, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 149, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 149, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 149, 226);  
box-shadow:4px 4px 4px 4px rgb(201, 149,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 173.3260, 6.2750, 34.9710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 149, 226) }
```

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

```
.background{ background-color: rgb(201,  
149, 226) }
```

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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