

Converting Colors

YIQ(175.3920, 5.9090, 30.5890)

Have a look what the booklet for
YIQ(175.3920, 5.9090, 30.5890)
contains.

YIQ(175.3920, 5.9090, 30.5890)	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(175.3920, 5.9090,
30.5890)**

Conversions

Conversions Part 1

Format	Color
Hex	C89ADD
RGB	200, 154, 221
RGB Percent	78%, 60%, 87%
CMY	0.2155, 0.3961, 0.1334
CMYK	0.09, 0.30, 0.00, 0.13
HSL	281°, 50%, 74%
HSV	281°, 30%, 87%
XYZ	48.4323, 40.6096, 73.6873
YIQ	175.3920, 5.9090, 30.5890

Conversions

Conversions Part 2

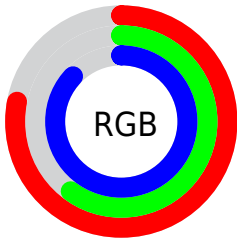
Format	Color
R_{YB}	200, 154, 221
Decimal	13146845
CIE _{Lab}	69.90, 29.10, -27.49
CIE _{LCh}	70, 40.028, 316.632
Yxy	40.6096, 0.2976, 0.2496
Android (android.graphics.Color)	4291336925 (0xFFC89ADD)
YUV	175.3920, 22.4847, 21.5812
Hunter-Lab	63.7257, 24.1424, -23.9503

Details

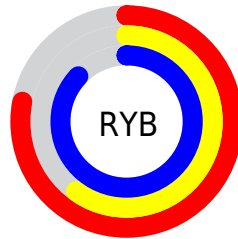
The YIQ color $175.3920, 5.9090, 30.5890$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $199.6080, -5.9090, -30.5890$, and the grayscale version is $175.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $227.9980, 12.6500, 24.0580$, and $122.1530, 5.0840, 29.0200$ is the 20% darker color. If you saturate the color by 10%, you get $160.3850, 7.7870, 40.6110$, and if you desaturate by 10%, it is $190.3990, 4.0310, 20.5670$.

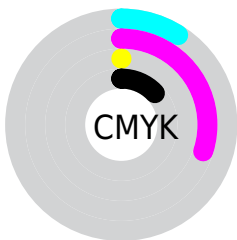
Distribution



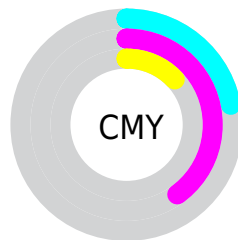
- Red (78%)
- Green (60%)
- Blue (87%)



- Red (78%)
- Yellow (60%)
- Blue (87%)



- Cyan (9%)
- Magenta (30%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (40%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.3920, 5.9090, 30.5890 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 175.3920, 5.9090, 30.5890 by changing the saturation by 10% instead.

175.3920, 5.9090,
30.5890

175.3920, 5.9090,
30.5890

255.0000, -0.0000,
-0.0000

148.5660, 5.3590,
29.5430

227.9980, 12.6500,
24.0580

122.1530, 5.0840,
29.0200

244.4340, 4.9500,
9.4140

97.2130, 4.8550,
27.6630

72.5010, 3.9840,
26.9280

48.9740, 4.0300,
26.0940

25.5610, 3.7550,
25.5710

13.2740, 2.8850,

19.3090

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 175.3920, 5.9090,
30.5890

■ 175.3920, 5.9090,
30.5890

■ 160.3850, 7.7870,
40.6110

■ 190.3990, 4.0310,
20.5670

■ 145.3780, 9.6650,
50.6330

■ 205.4060, 2.1530,
10.5450

■ 130.3710, 11.5430,
60.6550

■ 220.4130, 0.2750,
0.5230

■ 115.3640, 13.4210,
70.6770

■ 235.4200, -1.6030,
-9.4990

■ 99.7700, 15.5740,
81.2220

■ 245.1440, -1.0060,
-14.8140

■ 85.0620, 18.0480,
91.4560

■ 247.2370, 3.1660,
-13.3300

■ 70.6420, 19.6510,
100.9550

■ 249.0310, 6.7420,
-12.0580

■ 251.1240, 10.9140,
-10.5740

Harmonies

Analogous

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



170.2390, -33.5650, 19.0990



175.3920, 5.9090, 30.5890



175.1430, 37.4070, 32.4390

Triad

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



175.3920, 5.9090, 30.5890



169.5720, 47.6390, -9.8410



134.0870, -111.4520, -39.6440

Complementary

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



175.3920, 5.9090, 30.5890



199.6080, -5.9090, -30.5890

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.



153.8000, -50.4280, -33.2440



175.3920, 5.9090, 30.5890



166.1510, 23.4790, -23.5370

Square

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



175.3920, 5.9090, 30.5890



171.9840, 58.8230, 7.7430



161.4550, -9.8520, -30.7160



135.1910, -123.0080, -28.4480

Rectangle

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



175.3920, 5.9090, 30.5890



173.8100, 51.3460, 27.6180



161.4550, -9.8520, -30.7160



144.3800, -84.3560, -35.1080

Sweetspot

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



175.3920, 5.9090, 30.5890



239.4060, 2.1530, 10.5450



173.9650, -27.2820, 9.8540



117.7000, 1.1450, 6.7850



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.



175.3920, 5.9090, 30.5890



192.3250, 8.0160, 41.9680



180.3030, 22.2770, 31.3090



102.3470, 0.6410, 4.9050



55.3030, 15.3910, 79.0310



14.8120, 4.3060, 21.0900

Inverse Universe

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



176.4270, 33.1910, 20.7350



193.8140, 45.5230, 28.5230



194.6970, -22.2770, -31.3090



102.6310, 5.5930, 3.2650



57.8830, 85.7740, 53.4700



15.3500, 22.9220, 14.1060

Previews

White Background



This preview shows how the YIQ color 175.3920, 5.9090, 30.5890 looks on a white background.

Color Contrast Check

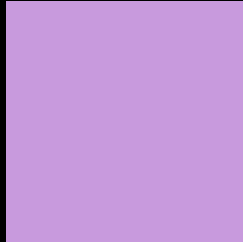
Large Text (above 18pt) WCAG AA × Fail

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 175.3920, 5.9090, 30.5890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

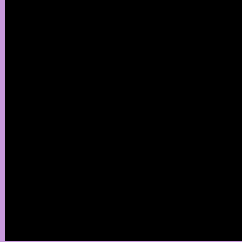
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.3920, 5.9090, 30.5890

Background



This preview shows how black text looks on a background with the YIQ color 175.3920, 5.9090, 30.5890.



This preview shows how white text looks on a background with the YIQ color 175.3920, 5.9090,

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

175.3920, 5.9090, 30.5890

Protanopia

171.3980, -29.7590, 16.2010

Deuteranopia

172.2050, -19.0300, 14.4900



Tritanopia

173.4520, 13.7070, 10.4030

Trichromacy



Original Color

175.3920, 5.9090, 30.5890

Protanomaly

173.0900, -16.9680, 21.1760

Deuteranomaly

173.2710, -10.2280, 20.1720

Tritanomaly

174.4120, 11.1840, 17.5840

Monochromacy



Original Color

175.3920, 5.9090, 30.5890

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.9330, 2.1070, 11.3790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.3920, 5.9090, 30.5890 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(200, 154, 221)` looks like.

```
.text, #text, p{  
    color:rgb(200, 154, 221)  
}
```

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(200, 154, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 154, 221) }
```

Border

The CSS property to change the border of an element to YIQ 175.3920, 5.9090, 30.5890 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(200, 154, 221) }
```


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

```
.border{ border-color:rgb(200, 154, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 154, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 154, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 154, 221);  
box-shadow:4px 4px 4px 4px rgb(200, 154,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 175.3920, 5.9090, 30.5890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 154, 221) }
```

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

```
.background{ background-color: rgb(200,  
154, 221) }
```

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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