

Converting Colors

YIQ(175.2820, 9.5750, 41.2470)

Have a look what the booklet for
YIQ(175.2820, 9.5750, 41.2470)
contains.

YIQ(175.2820, 9.5750, 41.2470)	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(175.2820, 9.5750,
41.2470)**

Conversions

Conversions Part 1

Format	Color
Hex	D292EB
RGB	210, 146, 235
RGB Percent	82%, 57%, 92%
CMY	0.1763, 0.4275, 0.0785
CMYK	0.11, 0.38, 0.00, 0.08
HSL	283°, 69%, 75%
HSV	283°, 38%, 92%
XYZ	51.8625, 40.2567, 83.6281
YIQ	175.2820, 9.5750, 41.2470

Conversions

Conversions Part 2

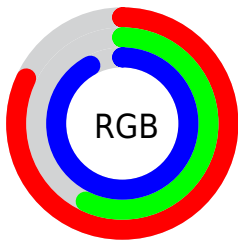
Format	Color
R _Y B	210, 146, 235
Decimal	13800171
CIE Lab	69.65, 39.39, -35.48
CIE LCh	70, 53.014, 317.986
Yxy	40.2567, 0.2951, 0.2291
Android (android.graphics.Color)	4291990251 (0xFFD292EB)
YUV	175.2820, 29.4410, 30.4477
Hunter-Lab	63.4481, 34.8715, -33.7338

Details

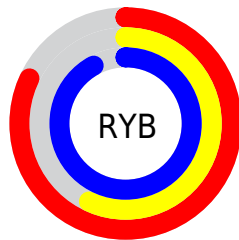
The YIQ color $175.2820, 9.5750, 41.2470$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $205.7180, -9.5750, -41.2470$, and the grayscale version is $175.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $223.3020, 14.8500, 28.2420$, and $121.6300, 8.4750, 39.1550$ is the 20% darker color. If you saturate the color by 10%, you get $159.1010, 12.0030, 52.3150$, and if you desaturate by 10%, it is $190.8760, 7.4220, 30.7020$.

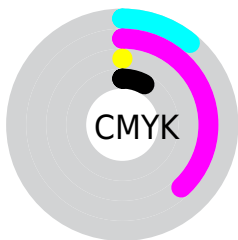
Distribution



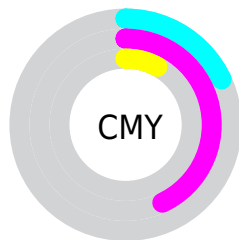
- Red (82%)
- Green (57%)
- Blue (92%)



- Red (82%)
- Yellow (57%)
- Blue (92%)



- Cyan (11%)
- Magenta (38%)
- Yellow (0%)
- Black (8%)



- Cyan (18%)
- Magenta (43%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.2820, 9.5750, 41.2470 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 175.2820, 9.5750, 41.2470 by changing the saturation by 10% instead.

175.2820, 9.5750,
41.2470

175.2820, 9.5750,
41.2470

255.0000, -0.0000,
-0.0000

148.4560, 9.0250,
40.2010

223.3020, 14.8500,
28.2420

121.6300, 8.4750,
39.1550

239.7380, 7.1500,
13.5980

95.8040, 7.9250,
38.1090

70.3910, 7.6500,
37.5860

44.9780, 7.3750,
37.0630

23.6140, 5.4040,
34.2360

15.3110, 1.4630,

23.0550

■ 4.5940, -10.1800,
8.2840

■ 0.1140, -0.3210,
0.3110

■ 175.2820, 9.5750,
41.2470

■ 175.2820, 9.5750,
41.2470

■ 159.1010, 12.0030,
52.3150

■ 190.8760, 7.4220,
30.7020

■ 143.8060, 14.7520,
63.0720

■ 206.7580, 4.3980,
19.4220

■ 127.6250, 17.1800,
74.1400

■ 222.3520, 2.2450,
8.8770

■ 112.3300, 19.9290,
84.8970

■ 238.2340, -0.7790,
-2.4030

■ 96.1490, 22.3570,
95.9650

■ 249.1320, -0.7320,
-8.7640

■ 80.8540, 25.1060,
106.7220

■ 251.2250, 3.4400,
-7.2800

■ 77.3210, 25.2890,
108.9130

■ 252.7200, 6.4200,
-6.2200

Harmonies

Analogous

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



168.0840, -43.1940, 22.9020



175.2820, 9.5750, 41.2470



173.2360, 50.7470, 43.9870

Triad

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



175.2820, 9.5750, 41.2470



166.9290, 59.5150, -15.8210



136.4500, -116.9080, -39.8840

Complementary

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



175.2820, 9.5750, 41.2470



205.7180, -9.5750, -41.2470

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.



130.2770, -100.9040, -54.6000



175.2820, 9.5750, 41.2470



162.5780, 29.1660, -32.9940

Square

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



175.2820, 9.5750, 41.2470



169.1940, 75.7870, 8.6750



155.5970, -16.5440, -41.6000



139.4770, -129.5650, -25.2530

Rectangle

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



175.2820, 9.5750, 41.2470



170.0940, 65.4660, 36.0420



155.5970, -16.5440, -41.6000



134.6260, -111.7720, -44.8600

Sweetspot

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



175.2820, 9.5750, 41.2470



236.1720, 2.9320, 12.9480



170.8210, -35.4440, 14.6040



116.5260, 1.6950, 7.8310



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.



175.2820, 9.5750, 41.2470



177.9270, 12.5530, 53.3610



180.5910, 30.5740, 40.6380



109.6460, 1.2370, 5.1170



59.5040, 19.3790, 83.8510



17.8170, 5.9100, 25.0620

Inverse Universe

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



175.4610, 45.0190, 26.6430



178.0330, 58.2680, 34.3320



200.4090, -30.5740, -40.6380



109.6310, 5.5930, 3.2650



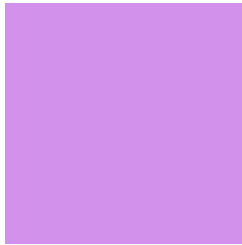
59.9330, 91.5050, 54.2330



17.8560, 27.3690, 16.1130

Previews

White Background



This preview shows how the YIQ color 175.2820, 9.5750, 41.2470 looks on a white background.

Color Contrast Check

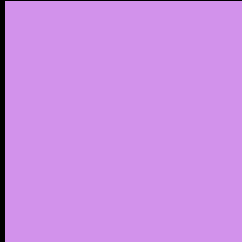
Large Text (above 18pt) WCAG AA × Fail

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 175.2820, 9.5750, 41.2470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

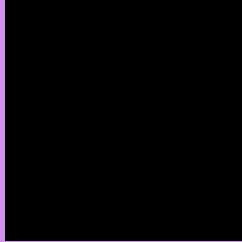
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.2820, 9.5750, 41.2470

Background



This preview shows how black text looks on a background with the YIQ color 175.2820, 9.5750, 41.2470.



This preview shows how white text looks on a background with the YIQ color 175.2820, 9.5750,

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

175.2820, 9.5750, 41.2470

Protanopia

169.8020, -42.4600, 20.6120

Deuteranopia

170.6970, -29.1630, 16.4130



Tritanopia

173.0400, 20.8590, 12.9470

Trichromacy



Original Color

175.2820, 9.5750, 41.2470



Protanomaly

171.8970, -23.4340, 28.2300



Deuteranomaly

172.3940, -14.7680, 25.3600



Tritanomaly

173.6240, 16.6390, 23.3510

Monochromacy



Original Color

175.2820, 9.5750, 41.2470



Achromatopsia

175.0000, -0.0000, -0.0000



Achromatomaly

174.9380, 3.7110, 15.3510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.2820, 9.5750, 41.2470 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(210, 146, 235)` looks like.

```
.text, #text, p{  
    color:rgb(210, 146, 235)  
}
```

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(210, 146, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 146, 235) }
```

Border

The CSS property to change the border of an element to YIQ 175.2820, 9.5750, 41.2470 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(210, 146, 235) }
```


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

```
.border{ border-color:rgb(210, 146, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 146, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 146, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 146, 235);  
box-shadow:4px 4px 4px 4px rgb(210, 146,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 175.2820, 9.5750, 41.2470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 146, 235) }
```

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

```
.background{ background-color: rgb(210,  
146, 235) }
```

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