

Converting Colors

YIQ(207.2920, 2.4740, 10.2340)

Have a look what the booklet for
YIQ(207.2920, 2.4740, 10.2340)
contains.

YIQ(207.2920, 2.4740, 10.2340)	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(207.2920, 2.4740,
10.2340)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C8DE
RGB	216, 200, 222
RGB Percent	85%, 78%, 87%
CMY	0.1529, 0.2157, 0.1294
CMYK	0.03, 0.10, 0.00, 0.13
HSL	284°, 25%, 83%
HSV	284°, 10%, 87%
XYZ	62.1601, 61.1802, 77.6387
YIQ	207.2920, 2.4740, 10.2340

Conversions

Conversions Part 2

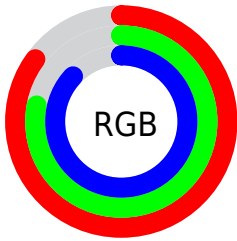
Format	Color
R _Y B	216, 200, 222
Decimal	14207198
CIE Lab	82.48, 9.54, -8.89
CIE LCh	82, 13.042, 317.017
Yxy	61.1802, 0.3093, 0.3044
Android (android.graphics.Color)	4292397278 (0xFFD8C8DE)
YUV	207.2920, 7.2510, 7.6369
Hunter-Lab	78.2178, 4.9738, -4.0986

Details

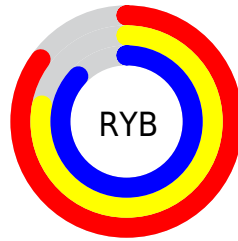
The YIQ color $207.2920, 2.4740, 10.2340$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $214.7080, -2.4740, -10.2340$, and the grayscale version is $207.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $152.8790, 2.1990, 9.7110$ is the 20% darker color. If you saturate the color by 10%, you get $192.5840, 4.9480, 20.4680$, and if you desaturate by 10%, it is $222.0000, -0.0000, 0.0000$.

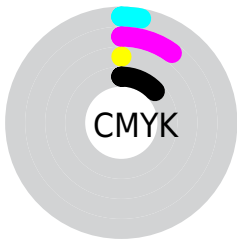
Distribution



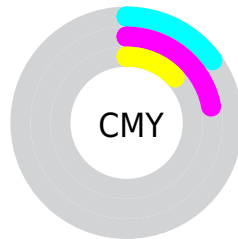
- Red (85%)
- Green (78%)
- Blue (87%)



- Red (85%)
- Yellow (78%)
- Blue (87%)



- Cyan (3%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 207.2920, 2.4740, 10.2340 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 207.2920, 2.4740, 10.2340 by changing the saturation by 10% instead.

■ 207.2920, 2.4740,
10.2340

■ 207.2920, 2.4740,
10.2340

255.0000, -0.0000,
-0.0000

■ 179.8790, 2.1990,
9.7110

■ 152.8790, 2.1990,
9.7110

■ 126.8790, 2.1990,
9.7110

■ 102.3520, 2.2450,
8.8770

■ 77.9390, 1.9700,
8.3540

■ 54.9390, 1.9700,
8.3540

■ 33.5260, 1.6950,

7.8310

■ 10.0040, 3.3450,
10.9690

■ 0.0000, 0.0000,
0.0000

■ 207.2920, 2.4740,
10.2340

■ 207.2920, 2.4740,
10.2340

■ 192.5840, 4.9480,
20.4680

■ 222.0000, -0.0000,
0.0000

■ 177.8760, 7.4220,
30.7020

■ 236.7080, -2.4740,
-10.2340

■ 162.5810, 10.1710,
41.4590

■ 244.9590, -1.9230,
-14.7150

■ 147.8730, 12.6450,
51.6930

■ 246.7530, 1.6530,
-13.4430

■ 133.1650, 15.1190,
61.9270

■ 248.5470, 5.2290,
-12.1710

■ 118.4570, 17.5930,
72.1610

■ 250.3410, 8.8050,
-10.8990

■ 103.7490, 20.0670,
82.3950

■ 251.2380, 10.5930,
-10.2630

■ 88.4540, 22.8160,
93.1520

■ 73.7460, 25.2900,
103.3860

Harmonies

Analogous

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



205.8390, -9.4920, 6.8280



207.2920, 2.4740, 10.2340



207.5660, 13.3860, 10.7140

Triad

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



207.2920, 2.4740, 10.2340



205.9880, 17.4690, -2.7150



201.5240, -22.3270, -8.3670

Complementary

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



207.2920, 2.4740, 10.2340



214.7080, -2.4740, -10.2340

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.



201.2490, -14.3030, -10.6150



207.2920, 2.4740, 10.2340



204.4490, 8.6210, -7.5630

Square

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



207.2920, 2.4740, 10.2340



206.7160, 21.4110, 2.9390



202.7080, -2.4740, -10.2340



201.9030, -24.7120, -3.6880

Rectangle

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



207.2920, 2.4740, 10.2340



207.8500, 18.3380, 9.0740



202.7080, -2.4740, -10.2340



201.3670, -20.4470, -9.3990

Sweetspot

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



207.2920, 2.4740, 10.2340



249.7060, 1.0080, 3.7600



206.0300, -8.7120, 3.7040



123.8800, 0.4580, 2.7140



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.



207.2920, 2.4740, 10.2340



234.4110, 3.7570, 14.5170



208.5160, 7.6550, 9.9510



104.6460, 1.2370, 5.1170



58.3360, 19.7920, 81.8720



15.9370, 5.4520, 22.3480

Inverse Universe

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



207.2620, 11.1860, 6.5300



234.2950, 15.5870, 9.3710



213.4840, -7.6550, -9.9510



104.6310, 5.5930, 3.2650



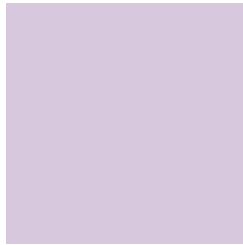
58.0960, 89.4880, 52.2400



15.8340, 24.4350, 14.2190

Previews

White Background



This preview shows how the YIQ color 207.2920, 2.4740, 10.2340 looks on a white background.

Color Contrast Check

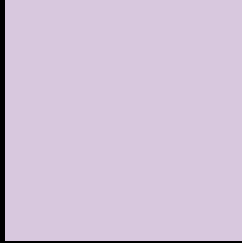
Large Text (above 18pt) WCAG AA × Fail

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 207.2920, 2.4740, 10.2340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

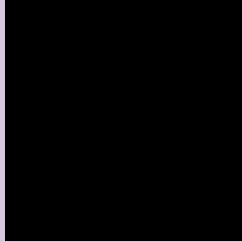
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 207.2920, 2.4740, 10.2340

Background



This preview shows how black text looks on a background with the YIQ color 207.2920, 2.4740, 10.2340.



This preview shows how white text looks on a background with the YIQ color 207.2920, 2.4740,

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

207.2920, 2.4740, 10.2340

Protanopia

205.9810, -7.0160, 6.0080

Deuteranopia

207.0040, 3.3450, 10.9690



Tritanopia

207.0100, 3.2080, 7.9440

Trichromacy



Original Color

207.2920, 2.4740, 10.2340

Protanomaly

206.7750, -3.4400, 7.2800

Deuteranomaly

207.0040, 3.3450, 10.9690

Tritanomaly

207.2380, 2.5660, 8.5660

Monochromacy



Original Color

207.2920, 2.4740, 10.2340

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

206.7060, 1.0080, 3.7600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 207.2920, 2.4740, 10.2340 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(216, 200, 222)` looks like.

```
.text, #text, p{  
    color:rgb(216, 200, 222)  
}
```

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(216, 200, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 200, 222) }
```

Border

The CSS property to change the border of an element to YIQ 207.2920, 2.4740, 10.2340 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(216, 200, 222) }
```


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

```
.border{ border-color:rgb(216, 200, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 200, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 200, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 200, 222);  
box-shadow:4px 4px 4px 4px rgb(216, 200,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 207.2920, 2.4740, 10.2340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 200, 222) }
```

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

```
.background{ background-color: rgb(216,  
200, 222) }
```

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