

Converting Colors

YIQ(204.5990, 0.5920, 22.3200)

Have a look what the booklet for
YIQ(204.5990, 0.5920, 22.3200)
contains.

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Color

**YIQ(204.5990, 0.5920,
22.3200)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DBBEF2 |
| RGB | 219, 190, 242 |
| RGB Percent | 86%, 75%, 95% |
| CMY | 0.1411, 0.2549, 0.0510 |
| CMYK | 0.09, 0.21, 0.00, 0.05 |
| HSL | 274°, 67%, 85% |
| HSV | 274°, 21%, 95% |
| XYZ | 63.6576, 58.2960, 91.8939 |
| YIQ | 204.5990, 0.5920, 22.3200 |

Conversions

Conversions Part 2

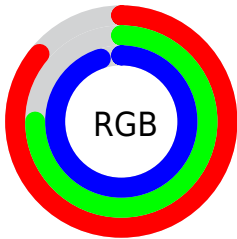
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 219, 190, 242 |
| Decimal | 14401266 |
| CIE _{Lab} | 80.90, 19.78, -21.93 |
| CIE _{LCh} | 81, 29.531, 312.044 |
| Yxy | 58.2960, 0.2977, 0.2726 |
| Android (android.graphics.Color) | 4292591346 (0xFFDBBEF2) |
| YUV | 204.5990, 18.4387, 12.6297 |
| Hunter-Lab | 76.3518, 15.2070, -17.9127 |

Details

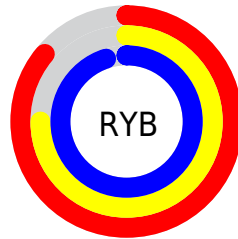
The YIQ color $204.5990, 0.5920, 22.3200$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $227.4010, -0.5920, -22.3200$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $249.7170, 2.4750, 4.7070$, and $150.0720, 0.6380, 21.4860$ is the 20% darker color. If you saturate the color by 10%, you get $187.2220, 0.6360, 32.5400$, and if you desaturate by 10%, it is $221.9760, 0.5480, 12.1000$.

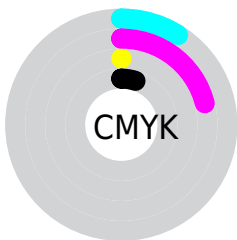
Distribution



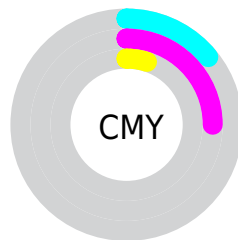
- Red (86%)
- Green (75%)
- Blue (95%)



- Red (86%)
- Yellow (75%)
- Blue (95%)



- Cyan (9%)
- Magenta (21%)
- Yellow (0%)
- Black (5%)



- Cyan (14%)
- Magenta (25%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 204.5990, 0.5920, 22.3200 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 204.5990, 0.5920, 22.3200 by changing the saturation by 10% instead.

 204.5990, 0.5920,
22.3200

 204.5990, 0.5920,
22.3200


255.0000, -0.0000,
-0.0000


 177.1860, 0.3170,
21.7970


 249.7170, 2.4750,
4.7070

 150.0720, 0.6380,
21.4860

 124.2460, 0.0880,
20.4400

 98.8330, -0.1870,
19.9170

 74.8930, -0.4160,
18.5600

 52.3660, -0.3700,
17.7260

 30.4260, -0.5990,

16.3690

■ 10.9100, 0.9140,
16.4820

■ 2.2970, -5.0900,
4.1420

■ 204.5990, 0.5920,
22.3200

■ 204.5990, 0.5920,
22.3200

■ 187.2220, 0.6360,
32.5400

■ 221.9760, 0.5480,
12.1000

■ 170.1440, 1.2760,
42.9720

■ 239.0540, -0.0920,
1.6680

■ 152.1800, 1.5950,
53.7150

■ 252.3220, 1.7890,
-4.8910

■ 134.8030, 1.6390,
63.9350

■ 253.5180, 4.1730,
-4.0430

■ 117.7250, 2.2790,
74.3670

■ 100.3480, 2.3230,
84.5870

■ 82.9710, 2.3670,
94.8070

■ 67.9530, 2.7780,
103.8820

Harmonies

Analogous

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



200.8880, -28.3830, 13.2890



204.5990, 0.5920, 22.3200



205.6420, 25.3960, 24.3400

Triad

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



204.5990, 0.5920, 22.3200



200.8410, 39.7520, -4.5680



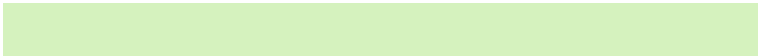
187.6230, -53.8230, -21.2710

Complementary

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



204.5990, 0.5920, 22.3200



227.4010, -0.5920, -22.3200

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.



191.0200, -30.2560, -24.3680



204.5990, 0.5920, 22.3200



198.7090, 22.1480, -15.9320

Square

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



204.5990, 0.5920, 22.3200



203.0520, 46.9480, 8.1960



194.9170, -2.1050, -22.4330



188.5160, -63.4070, -12.7750

Rectangle

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



204.5990, 0.5920, 22.3200



205.2920, 38.0050, 21.5970



194.9170, -2.1050, -22.4330



188.6900, -46.7620, -22.5860

Sweetspot

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



204.5990, 0.5920, 22.3200



244.1020, -0.0470, 6.3610



209.4290, -23.0170, 4.1430



121.5210, 0.0910, 3.8590



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.



204.5990, 0.5920, 22.3200



207.5870, 0.8660, 28.3700



211.1340, 15.2630, 26.2630



111.4610, 0.3200, 5.2160



51.7730, 2.3240, 79.0600



15.6530, 0.5000, 23.9880

Inverse Universe

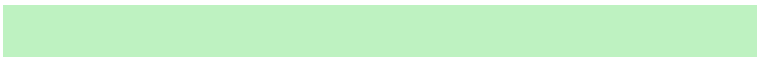
The Inverse Universe completely reimagines the original color for something new.



208.1700, 23.6090, 18.1770



212.0400, 30.0270, 23.0110



220.8660, -15.2630, -26.2630



112.1580, 5.5470, 4.0990



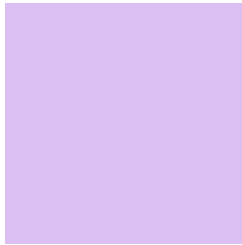
64.2500, 83.6630, 64.1990



19.5940, 25.3510, 19.6470

Previews

White Background



This preview shows how the YIQ color 204.5990, 0.5920, 22.3200 looks on a white background.

Color Contrast Check

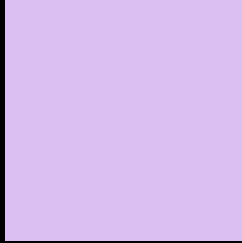
Large Text (above 18pt) WCAG AA × Fail

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 204.5990, 0.5920, 22.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

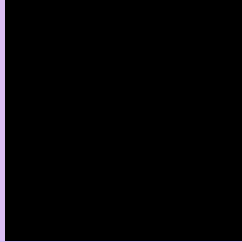
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.5990, 0.5920, 22.3200

Background



This preview shows how black text looks on a background with the YIQ color 204.5990, 0.5920, 22.3200.



This preview shows how white text looks on a background with the YIQ color 204.5990, 0.5920,

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

204.5990, 0.5920, 22.3200

Protanopia

201.5960, -21.6890, 13.1190

Deuteranopia

202.6250, -11.4650, 15.0550



Tritanopia

203.0920, 5.9130, 8.4810

Trichromacy



Original Color

204.5990, 0.5920, 22.3200

Protanomaly

202.8960, -13.6660, 16.3980

Deuteranomaly

203.5440, -6.7430, 17.5850

Tritanomaly

203.7700, 4.1240, 13.3720

Monochromacy



Original Color

204.5990, 0.5920, 22.3200

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

205.0420, 0.1820, 7.7180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.5990, 0.5920, 22.3200 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(219, 190, 242)` looks like.

```
.text, #text, p{  
    color:rgb(219, 190, 242)  
}
```

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(219, 190, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 190, 242) }
```

Border

The CSS property to change the border of an element to YIQ 204.5990, 0.5920, 22.3200 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(219, 190, 242) }
```


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

```
.border{ border-color:rgb(219, 190, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 190, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 190, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 190, 242);  
box-shadow:4px 4px 4px 4px rgb(219, 190,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 204.5990, 0.5920, 22.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 190, 242) }
```

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

```
.background{ background-color: rgb(219,  
190, 242) }
```

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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