

Converting Colors

YIQ(211.8170, 5.9100, 25.0620)

Have a look what the booklet for
YIQ(211.8170, 5.9100, 25.0620)
contains.

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Color

**YIQ(211.8170, 5.9100,
25.0620)**

Conversions

Conversions Part 1

Format	Color
Hex	E9C2F8
RGB	233, 194, 248
RGB Percent	91%, 76%, 97%
CMY	0.0861, 0.2393, 0.0275
CMYK	0.06, 0.22, 0.00, 0.03
HSL	283°, 79%, 87%
HSV	283°, 22%, 97%
XYZ	69.8455, 62.6824, 97.2208
YIQ	211.8170, 5.9100, 25.0620

Conversions

Conversions Part 2

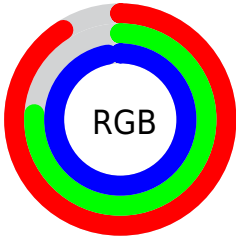
Format	Color
R _Y B	233, 194, 248
Decimal	15319800
CIE Lab	83.28, 23.29, -21.42
CIE LCh	83, 31.646, 317.391
Yxy	62.6824, 0.3040, 0.2728
Android (android.graphics.Color)	4293509880 (0xFFE9C2F8)
YUV	211.8170, 17.8382, 18.5775
Hunter-Lab	79.1722, 18.9208, -17.3855

Details

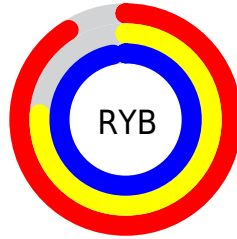
The YIQ color $211.8170, 5.9100, 25.0620$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $230.1830, -5.9100, -25.0620$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $252.6520, 1.1000, 2.0920$, and $156.9910, 5.3600, 24.0160$ is the 20% darker color. If you saturate the color by 10%, you get $195.0490, 8.6130, 36.6530$, and if you desaturate by 10%, it is $228.5850, 3.2070, 13.4710$.

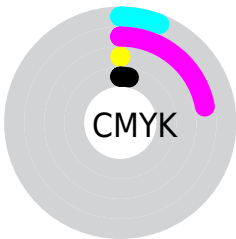
Distribution



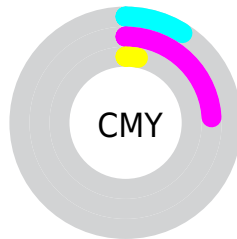
- Red (91%)
- Green (76%)
- Blue (97%)



- Red (91%)
- Yellow (76%)
- Blue (97%)



- Cyan (6%)
- Magenta (22%)
- Yellow (0%)
- Black (3%)



- Cyan (9%)
- Magenta (24%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.8170, 5.9100, 25.0620 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 211.8170, 5.9100, 25.0620 by changing the saturation by 10% instead.

211.8170, 5.9100,
25.0620

211.8170, 5.9100,
25.0620

255.0000, -0.0000,
-0.0000

184.2900, 5.9560,
24.2280

252.6520, 1.1000,
2.0920

156.9910, 5.3600,
24.0160

130.4640, 5.4060,
23.1820

105.6380, 4.8560,
22.1360

80.8120, 4.3060,
21.0900

57.3990, 4.0310,
20.5670

34.5730, 3.4810,

19.5210

■ 13.7580, 4.3980,
19.4220

■ 2.9810, -7.0160,
6.0080

■ 211.8170, 5.9100,
25.0620

■ 211.8170, 5.9100,
25.0620

■ 195.0490, 8.6130,
36.6530

■ 228.5850, 3.2070,
13.4710

■ 178.2810, 11.3160,
48.2440

■ 245.3530, 0.5040,
1.8800

■ 162.1000, 13.7440,
59.3120

■ 253.9030, 1.6510,
-2.3890

■ 145.6310, 17.0430,
71.1150

■ 254.2020, 2.2470,
-2.1770

■ 128.8630, 19.7460,
82.7060

■ 112.0950, 22.4490,
94.2970

■ 95.3270, 25.1520,
105.8880

■ 81.7930, 27.0760,
115.0760

Harmonies

Analogous

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



207.1230, -21.7350, 13.9530



211.8170, 5.9100, 25.0620



211.2080, 29.6140, 24.9900

Triad

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



211.8170, 5.9100, 25.0620



206.8470, 39.6150, -7.5930



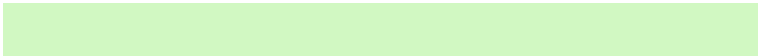
192.9040, -61.9840, -22.0480

Complementary

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



211.8170, 5.9100, 25.0620



230.1830, -5.9100, -25.0620

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.



195.9590, -37.4540, -26.0780



211.8170, 5.9100, 25.0620



204.0460, 19.5810, -18.9710

Square

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



211.8170, 5.9100, 25.0620



207.7590, 46.2150, 4.9590



200.4000, -8.0190, -25.3870



194.4060, -68.9090, -12.1810

Rectangle

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



211.8170, 5.9100, 25.0620



208.3410, 36.3090, 19.2930



200.4000, -8.0190, -25.3870



193.5580, -55.1980, -23.8860

Sweetspot

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



211.8170, 5.9100, 25.0620



242.9390, 1.9700, 8.3540



208.9610, -21.4590, 8.9490



120.6460, 1.2370, 5.1170



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.



211.8170, 5.9100, 25.0620



210.8760, 7.4220, 30.7020



214.9340, 18.7020, 24.5100



116.1730, 1.1910, 5.9510



62.2100, 20.3870, 87.6110



20.1100, 6.6430, 28.2990

Inverse Universe

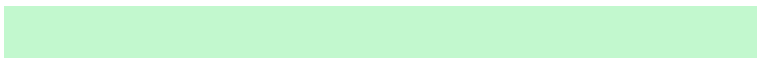
The Inverse Universe completely reimagines the original color for something new.



211.8560, 27.3690, 16.1130



210.7860, 33.5580, 19.5900



227.0660, -18.7020, -24.5100



116.3430, 6.4640, 4.0000



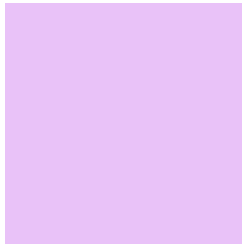
62.4390, 95.9520, 56.2400



20.1770, 30.8990, 18.2190

Previews

White Background



This preview shows how the YIQ color 211.8170, 5.9100, 25.0620 looks on a white background.

Color Contrast Check

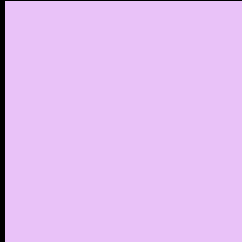
Large Text (above 18pt) WCAG AA × Fail

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 211.8170, 5.9100, 25.0620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

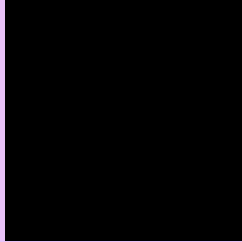
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 211.8170, 5.9100, 25.0620

Background



This preview shows how black text looks on a background with the YIQ color 211.8170, 5.9100, 25.0620.



This preview shows how white text looks on a background with the YIQ color 211.8170, 5.9100,

25.0620.

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

211.8170, 5.9100, 25.0620

Protanopia

208.5960, -21.6890, 13.1190

Deuteranopia

209.6960, -10.2270, 14.6450



Tritanopia

210.0820, 11.8730, 10.6010

Trichromacy



Original Color

211.8170, 5.9100, 25.0620

Protanomaly

209.7930, -11.8780, 17.0340

Deuteranomaly

210.7400, -4.3590, 18.4330

Tritanomaly

210.8740, 9.7630, 15.8030

Monochromacy



Original Color

211.8170, 5.9100, 25.0620

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

211.7650, 2.5200, 9.4000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.8170, 5.9100, 25.0620 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(233, 194, 248)` looks like.

```
.text, #text, p{  
    color:rgb(233, 194, 248)  
}
```

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(233, 194, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 194, 248) }
```

Border

The CSS property to change the border of an element to YIQ 211.8170, 5.9100, 25.0620 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(233, 194, 248) }
```


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

```
.border{ border-color:rgb(233, 194, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 194, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 194, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 194, 248); box-shadow:4px 4px 4px 4px rgb(233, 194, 248) }
```

Background

The CSS property to change the background color of an element to YIQ 211.8170, 5.9100, 25.0620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 194, 248) }
```

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

```
.background{ background-color: rgb(233,  
194, 248) }
```

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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