

Converting Colors

YIQ(210.3200, 5.2710, 9.1030)

Have a look what the booklet for
YIQ(210.3200, 5.2710, 9.1030)
contains.

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Color

**YIQ(210.3200, 5.2710,
9.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	DDCBDC
RGB	221, 203, 220
RGB Percent	87%, 80%, 86%
CMY	0.1333, 0.2039, 0.1372
CMYK	0.00, 0.08, 0.00, 0.13
HSL	303°, 21%, 83%
HSV	303°, 8%, 87%
XYZ	64.0956, 63.2500, 76.5418
YIQ	210.3200, 5.2710, 9.1030

Conversions

Conversions Part 2

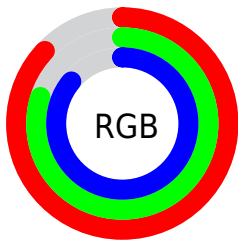
Format	Color
R _Y B	221, 203, 220
Decimal	14535644
CIE Lab	83.57, 9.27, -6.15
CIE LCh	84, 11.123, 326.415
Yxy	63.2500, 0.3144, 0.3102
Android (android.graphics.Color)	4292725724 (0xFFDDCBDC)
YUV	210.3200, 4.7722, 9.3664
Hunter-Lab	79.5299, 4.6815, -1.3914

Details

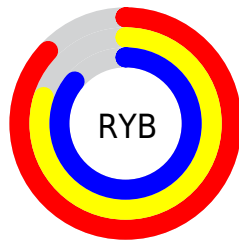
The YIQ color **210.3200, 5.2710, 9.1030** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **213.6800, -5.2710, -9.1030**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **155.9070, 4.9960, 8.5800** is the 20% darker color. If you saturate the color by 10%, you get **197.2920, 11.6420, 20.2980**, and if you desaturate by 10%, it is **223.3480, -1.1000, -2.0920**.

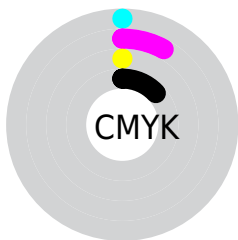
Distribution



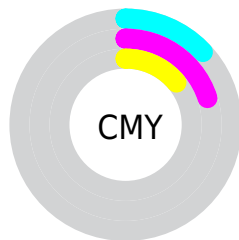
- Red (87%)
- Green (80%)
- Blue (86%)



- Red (87%)
- Yellow (80%)
- Blue (86%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.3200, 5.2710, 9.1030 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 210.3200, 5.2710, 9.1030 by changing the saturation by 10% instead.

■ 210.3200, 5.2710,
9.1030

■ 210.3200, 5.2710,
9.1030

255.0000, -0.0000,
-0.0000

■ 182.9070, 4.9960,
8.5800

■ 155.9070, 4.9960,
8.5800

■ 129.9070, 4.9960,
8.5800

■ 104.4940, 4.7210,
8.0570

■ 80.1950, 4.1250,
7.8450

■ 57.6680, 4.1710,
7.0110

■ 35.6680, 4.1710,

7.0110

■ 13.3200, 5.2710,
9.1030

■ 0.0000, 0.0000,
0.0000

■ 210.3200, 5.2710,
9.1030

■ 210.3200, 5.2710,
9.1030

■ 197.2920, 11.6420,
20.2980

■ 223.3480, -1.1000,
-2.0920

■ 184.2640, 18.0130,
31.4930

■ 236.3760, -7.4710,
-13.2870

■ 171.1220, 24.7050,
42.3770

■ 241.3000,
-10.3130, -16.8490

■ 158.0940, 31.0760,
53.5720

■ 241.4140,
-10.6340, -16.5380

144.4790, 37.7220,
65.2900

241.5280,
-10.9550, -16.2270

131.4510, 44.0930,
76.4850

241.6420,
-11.2760, -15.9160

118.3090, 50.7850,
87.3690

241.8700,
-11.9180, -15.2940

105.2810, 57.1560,
98.5640

241.9840,
-12.2390, -14.9830

92.2530, 63.5270,
109.7590

242.0980,
-12.5600, -14.6720

Harmonies

Analogous

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



209.2910, -4.9530, 7.1670



210.3200, 5.2710, 9.1030



210.3980, 13.7990, 8.7350

Triad

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



210.3200, 5.2710, 9.1030



208.1230, 12.6550, -3.5770



204.7740, -20.0350, -5.8510

Complementary

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



210.3200, 5.2710, 9.1030



213.6800, -5.2710, -9.1030

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.



205.4170, -14.7160, -8.6360



210.3200, 5.2710, 9.1030



206.7090, 4.9530, -7.1670

Square

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



210.3200, 5.2710, 9.1030



209.3950, 17.8810, 0.8330



205.6800, -5.2710, -9.1030



206.2950, -19.9440, -1.9920

Rectangle

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



210.3200, 5.2710, 9.1030



210.1980, 17.2380, 6.9820



205.6800, -5.2710, -9.1030



205.3180, -18.7510, -7.0950

Sweetspot

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



210.3200, 5.2710, 9.1030



252.0650, 1.3750, 2.6150



205.3510, -5.1820, 5.8100



126.1250, 1.1460, 1.2580



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.



210.3200, 5.2710, 9.1030



240.2110, 7.1960, 12.7640



209.2940, 8.1600, 6.3040



103.4290, 3.3460, 5.4420



70.4230, 50.4640, 87.6800



18.6560, 13.6130, 23.1250

Inverse Universe

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



210.3200, 5.2710, 9.1030



240.2110, 7.1960, 12.7640



214.7060, -8.1600, -6.3040



103.4290, 3.3460, 5.4420



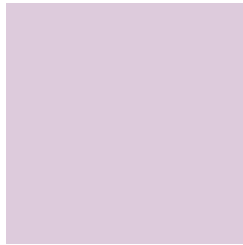
70.4230, 50.4640, 87.6800



18.6560, 13.6130, 23.1250

Previews

White Background



This preview shows how the YIQ color 210.3200, 5.2710, 9.1030 looks on a white background.

Color Contrast Check

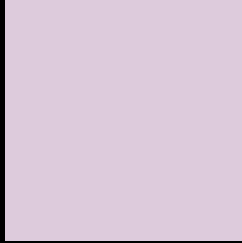
Large Text (above 18pt) WCAG AA × Fail

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 210.3200, 5.2710, 9.1030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

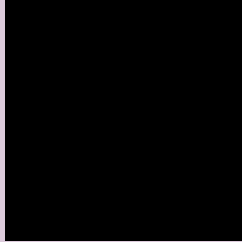
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 210.3200, 5.2710, 9.1030

Background



This preview shows how black text looks on a background with the YIQ color 210.3200, 5.2710, 9.1030.

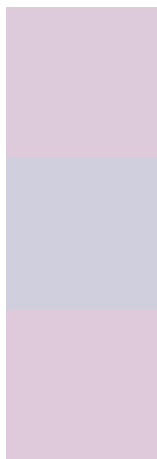


This preview shows how white text looks on a background with the YIQ color 210.3200, 5.2710,

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

210.3200, 5.2710, 9.1030

Protanopia

209.0090, -4.2190, 4.8770

Deuteranopia

210.3310, 6.7380, 10.0500



Tritanopia

210.2060, 5.5920, 8.7920

Trichromacy



Original Color

210.3200, 5.2710, 9.1030

Protanomaly

209.8030, -0.6430, 6.1490

Deuteranomaly

210.0320, 6.1420, 9.8380

Tritanomaly

210.2060, 5.5920, 8.7920

Monochromacy



Original Color

210.3200, 5.2710, 9.1030

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.8910, 1.9250, 3.6610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.3200, 5.2710, 9.1030 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(221, 203, 220)` looks like.

```
.text, #text, p{  
    color:rgb(221, 203, 220)  
}
```

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(221, 203, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 203, 220) }
```

Border

The CSS property to change the border of an element to YIQ 210.3200, 5.2710, 9.1030 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(221, 203, 220) }
```


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

```
.border{ border-color:rgb(221, 203, 220) }
```

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

Here you see how a box with a 4 pixel rgb(221, 203, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 203, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 203, 220);  
box-shadow:4px 4px 4px 4px rgb(221, 203,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 210.3200, 5.2710, 9.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 203, 220) }
```

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

```
.background{ background-color: rgb(221,  
203, 220) }
```

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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