

Converting Colors

YIQ(222.7210, -3.3480, 5.6120)

Have a look what the booklet for
YIQ(222.7210, -3.3480, 5.6120)
contains.

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Color

**YIQ(222.7210, -3.3480,
5.6120)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDCEC
RGB	223, 220, 236
RGB Percent	87%, 86%, 93%
CMY	0.1255, 0.1372, 0.0745
CMYK	0.06, 0.07, 0.00, 0.07
HSL	251°, 30%, 89%
HSV	251°, 7%, 93%
XYZ	71.1650, 72.9302, 89.6780
YIQ	222.7210, -3.3480, 5.6120

Conversions

Conversions Part 2

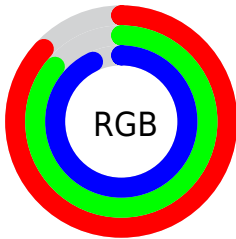
Format	Color
R_{YB}	223, 220, 236
Decimal	14671084
CIE _{Lab}	88.41, 3.96, -7.45
CIE _{LCh}	88, 8.437, 298.014
Yxy	72.9302, 0.3044, 0.3120
Android (android.graphics.Color)	4292861164 (0xFFDFDCEC)
YUV	222.7210, 6.5465, 0.2447
Hunter-Lab	85.3992, -0.7005, -2.4813

Details

The YIQ color $222.7210, -3.3480, 5.6120$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $233.2790, 3.3480, -5.6120$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $167.6070, -3.0270, 5.3010$ is the 20% darker color. If you saturate the color by 10%, you get $202.9520, -8.0720, 14.1360$, and if you desaturate by 10%, it is $242.4900, 1.3760, -2.9120$.

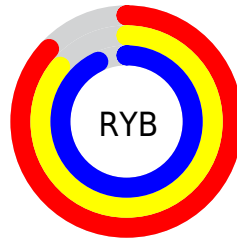
Distribution



Red (87%)

Green (86%)

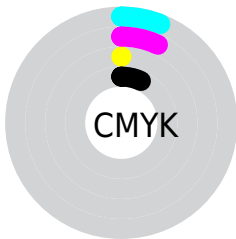
Blue (93%)



Red (87%)

Yellow (86%)

Blue (93%)

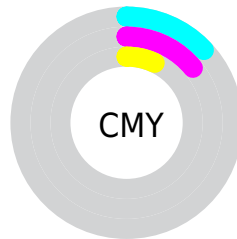


Cyan (6%)

Magenta (7%)

Yellow (0%)

Black (7%)



Cyan (13%)

Magenta (14%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.7210, -3.3480, 5.6120 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 222.7210, -3.3480, 5.6120 by changing the saturation by 10% instead.

■ 222.7210, -3.3480,
5.6120

■ 222.7210, -3.3480,
5.6120

255.0000, -0.0000,
-0.0000

■ 194.7210, -3.3480,
5.6120

■ 167.6070, -3.0270,
5.3010

■ 141.1940, -3.3020,
4.7780

■ 115.4930, -2.7060,
4.9900

■ 91.0800, -2.9810,
4.4670

■ 67.9660, -2.6600,
4.1560

■ 45.0800, -2.9810,

4.4670

■ 24.8520, -2.3390,
3.8450

■ 1.2540, -3.5310,
3.4210

■ 222.7210, -3.3480,
5.6120

■ 222.7210, -3.3480,
5.6120

■ 202.9520, -8.0720,
14.1360

■ 242.4900, 1.3760,
-2.9120

■ 183.7700,
-13.0710, 22.1370

■ 252.8340, 6.0990,
-5.9090

■ 163.7020,
-18.3910, 30.4490

■ 144.5200,
-23.3900, 38.4500

■ 124.7510,
-28.1140, 46.9740

■ 104.9820,
-32.8380, 55.4980

■ 85.8000, -37.8370,
63.4990

■ 66.0310, -42.5610,
72.0230

■ 46.5500, -48.1560,
79.8120

Harmonies

Analogous

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



221.7200, -10.7750, 2.5450



222.7210, -3.3480, 5.6120



223.5540, 4.4920, 6.7000

Triad

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



222.7210, -3.3480, 5.6120



222.9430, 13.3420, 0.4940



219.7380, -11.1860, -6.5300

Complementary

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



222.7210, -3.3480, 5.6120



233.2790, 3.3480, -5.6120

Split Complementary

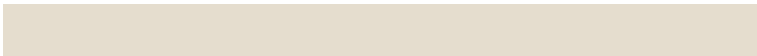
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220.0330, -4.7670, -7.2230



222.7210, -3.3480, 5.6120



221.6820, 9.5830, -2.9690

Square

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



222.7210, -3.3480, 5.6120



223.6490, 14.3500, 4.2540



220.9800, 2.7520, -5.8240



219.7530, -15.5420, -4.6780

Rectangle

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



222.7210, -3.3480, 5.6120



223.8920, 9.3520, 6.7280



220.9800, 2.7520, -5.8240



219.6950, -9.6270, -7.2510

Sweetspot

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



222.7210, -3.3480, 5.6120



250.8690, -1.0090, 1.7670



229.4550, -8.7110, -1.8230



125.3420, -0.9630, 0.9330



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.



222.7210, -3.3480, 5.6120



238.1770, -4.6320, 6.8560



225.1130, 1.4200, 7.3080



107.8520, -2.3390, 3.8450



30.8000, -37.8370, 63.4990



9.1460, -11.3740, 18.9140

Inverse Universe

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



226.2660, 5.3630, 7.4350



242.8040, 6.7840, 9.2160



230.8870, -1.4200, -7.3080



110.3150, 3.6670, 5.1310



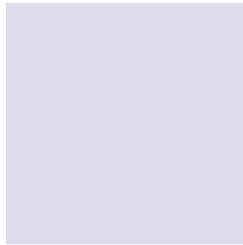
70.8770, 60.6890, 84.0890



21.0480, 18.3810, 24.8210

Previews

White Background



This preview shows how the YIQ color 222.7210, -3.3480, 5.6120 looks on a white background.

Color Contrast Check

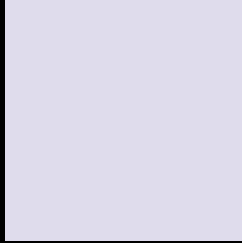
Large Text (above 18pt) WCAG AA × Fail

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 222.7210, -3.3480, 5.6120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

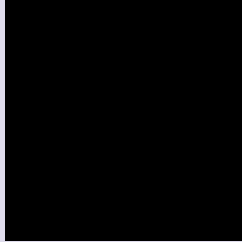
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

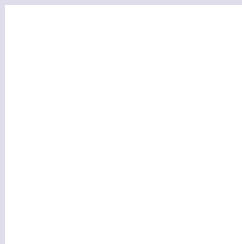
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 222.7210, -3.3480, 5.6120

Background



This preview shows how black text looks on a background with the YIQ color 222.7210, -3.3480, 5.6120.

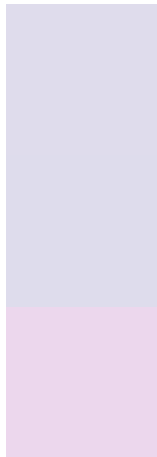


This preview shows how white text looks on a background with the YIQ color 222.7210, -3.3480,

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

222.7210, -3.3480, 5.6120

Protanopia

222.4220, -3.9440, 5.4000

Deuteranopia

223.7870, 5.4540, 11.2940



Tritanopia

222.8350, -3.6690, 5.9230

Trichromacy



Original Color

222.7210, -3.3480, 5.6120

Protanomaly

222.4220, -3.9440, 5.4000

Deuteranomaly

223.4660, 1.9240, 9.1880

Tritanomaly

222.8350, -3.6690, 5.9230

Monochromacy



Original Color

222.7210, -3.3480, 5.6120

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

222.9830, -1.3300, 2.0780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.7210, -3.3480, 5.6120 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(223, 220, 236)` looks like.

```
.text, #text, p{  
    color:rgb(223, 220, 236)  
}
```

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(223, 220, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 220, 236) }
```

Border

The CSS property to change the border of an element to YIQ 222.7210, -3.3480, 5.6120 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(223, 220, 236) }
```


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

```
.border{ border-color:rgb(223, 220, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 220, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 220, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 220, 236);  
box-shadow:4px 4px 4px 4px rgb(223, 220,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 222.7210, -3.3480, 5.6120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 220, 236) }
```

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

```
.background{ background-color: rgb(223,  
220, 236) }
```

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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