

Converting Colors

YIQ(210.4290, 3.3460, 5.4420)

Have a look what the booklet for
YIQ(210.4290, 3.3460, 5.4420)
contains.

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Color

**YIQ(210.4290, 3.3460,
5.4420)**

Conversions

Conversions Part 1

Format	Color
Hex	D9CED8
RGB	217, 206, 216
RGB Percent	85%, 81%, 85%
CMY	0.1490, 0.1922, 0.1529
CMYK	0.00, 0.05, 0.00, 0.15
HSL	305°, 13%, 83%
HSV	305°, 5%, 85%
XYZ	63.0828, 63.8513, 73.9664
YIQ	210.4290, 3.3460, 5.4420

Conversions

Conversions Part 2

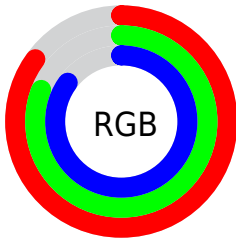
Format	Color
R_{YB}	217, 206, 216
Decimal	14274264
CIE Lab	83.89, 5.59, -3.59
CIE LCh	84, 6.644, 327.260
Yxy	63.8513, 0.3140, 0.3178
Android (android.graphics.Color)	4292464344 (0xFFD9CED8)
YUV	210.4290, 2.7465, 5.7628
Hunter-Lab	79.9070, 1.0799, 1.0528

Details

The YIQ color $210.4290, 3.3460, 5.4420$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $212.5710, -3.3460, -5.4420$, 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 $156.0160, 3.0710, 4.9190$ is the 20% darker color. If you saturate the color by 10%, you get $197.2870, 10.0380, 16.3260$, and if you desaturate by 10%, it is $223.5710, -3.3460, -5.4420$.

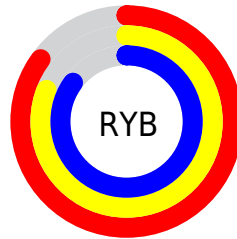
Distribution



Red (85%)

Green (81%)

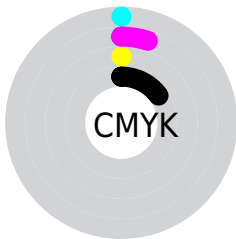
Blue (85%)



Red (85%)

Yellow (81%)

Blue (85%)

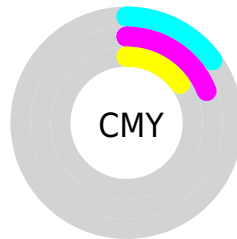


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (15%)



Cyan (15%)

Magenta (19%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.4290, 3.3460, 5.4420 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 210.4290, 3.3460, 5.4420 by changing the saturation by 10% instead.

■ 210.4290, 3.3460,
5.4420

■ 210.4290, 3.3460,
5.4420

255.0000, -0.0000,
-0.0000

■ 183.0160, 3.0710,
4.9190

■ 156.0160, 3.0710,
4.9190

■ 130.0160, 3.0710,
4.9190

■ 105.0160, 3.0710,
4.9190

■ 80.6030, 2.7960,
4.3960

■ 57.6030, 2.7960,
4.3960

■ 36.1900, 2.5210,

3.8730

■ 14.4290, 3.3460,
5.4420

■ 0.0000, 0.0000,
0.0000

■ 210.4290, 3.3460,
5.4420

■ 210.4290, 3.3460,
5.4420

■ 197.2870, 10.0380,
16.3260

■ 223.5710, -3.3460,
-5.4420

■ 184.7320, 16.4550,
26.6870

■ 236.1260, -9.7630,
-15.8030

■ 171.5900, 23.1470,
37.5710

■ 239.8760,
-12.0550, -18.3190

■ 158.4480, 29.8390,
48.4550

■ 240.1040,
-12.6970, -17.6970

145.3060, 36.5310,
59.3390

240.3320,
-13.3390, -17.0750

132.7510, 42.9480,
69.7000

240.5600,
-13.9810, -16.4530

119.6090, 49.6400,
80.5840

240.7880,
-14.6230, -15.8310

106.4670, 56.3320,
91.4680

241.0160,
-15.2650, -15.2090

93.9120, 62.7490,
101.8290

241.2440,
-15.9070, -14.5870

Harmonies

Analogous

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



209.9660, -2.6600, 4.1560



210.4290, 3.3460, 5.4420



210.6530, 8.5270, 5.1590

Triad

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



210.4290, 3.3460, 5.4420



208.8390, 7.7030, -1.9370



207.5470, -11.9660, -3.4060

Complementary

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



210.4290, 3.3460, 5.4420



212.5710, -3.3460, -5.4420

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.



207.3470, -8.5270, -5.1590



210.4290, 3.3460, 5.4420



208.6210, 2.3850, -4.6790

Square

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



210.4290, 3.3460, 5.4420



210.2740, 10.9120, 0.4800



207.5710, -3.3460, -5.4420



208.0140, -11.7830, -1.2150

Rectangle

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



210.4290, 3.3460, 5.4420



210.4960, 10.4070, 4.1270



207.5710, -3.3460, -5.4420



207.3190, -11.3240, -4.0280

Sweetspot

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



210.4290, 3.3460, 5.4420



252.0650, 1.3750, 2.6150



207.5530, -2.9350, 3.6330



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.



210.4290, 3.3460, 5.4420



246.0810, 4.4460, 7.5340



209.8590, 4.9510, 3.8870



105.1900, 2.5210, 3.8730



69.7390, 52.3900, 85.8140



18.5420, 13.9340, 22.8140

Inverse Universe

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



210.4290, 3.3460, 5.4420



246.0810, 4.4460, 7.5340



213.1410, -4.9510, -3.8870



105.1900, 2.5210, 3.8730



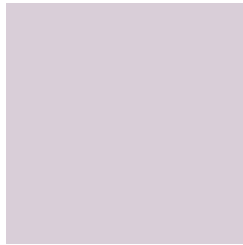
69.7390, 52.3900, 85.8140



18.5420, 13.9340, 22.8140

Previews

White Background



This preview shows how the YIQ color 210.4290, 3.3460, 5.4420 looks on a white background.

Color Contrast Check

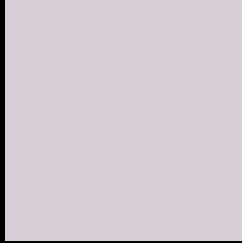
Large Text (above 18pt) WCAG AA × Fail

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 210.4290, 3.3460, 5.4420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

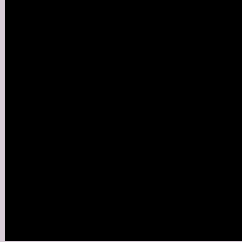
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

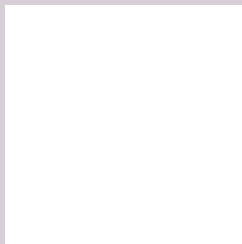
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 210.4290, 3.3460, 5.4420

Background



This preview shows how black text looks on a background with the YIQ color 210.4290, 3.3460, 5.4420.



This preview shows how white text looks on a background with the YIQ color 210.4290, 3.3460,

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

210.4290, 3.3460, 5.4420

Protanopia

209.9230, -1.1010, 3.4350

Deuteranopia

211.4730, 9.2140, 9.2300



Tritanopia

210.7110, 2.6120, 7.7320

Trichromacy



Original Color

210.4290, 3.3460, 5.4420

Protanomaly

209.9340, 0.3660, 4.3820

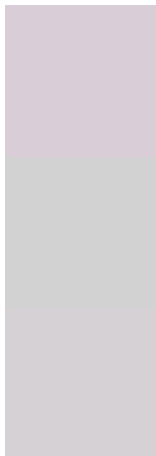
Deuteranomaly

211.1630, 7.1510, 8.0710

Tritanomaly

210.4830, 3.2540, 7.1100

Monochromacy



Original Color

210.4290, 3.3460, 5.4420

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.5380, 1.4210, 1.7810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.4290, 3.3460, 5.4420 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(217, 206, 216)` looks like.

```
.text, #text, p{  
    color:rgb(217, 206, 216)  
}
```

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(217, 206, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 206, 216) }
```

Border

The CSS property to change the border of an element to YIQ 210.4290, 3.3460, 5.4420 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(217, 206, 216) }
```


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

```
.border{ border-color:rgb(217, 206, 216) }
```

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

Here you see how a box with a 4 pixel rgb(217, 206, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 206, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 206, 216);  
box-shadow:4px 4px 4px 4px rgb(217, 206,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 210.4290, 3.3460, 5.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 206, 216) }
```

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

```
.background{ background-color: rgb(217,  
206, 216) }
```

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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