

Converting Colors

YIQ(217.3420, -0.9630, 0.9330)

Have a look what the booklet for
YIQ(217.3420, -0.9630, 0.9330)
contains.

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Color

**YIQ(217.3420, -0.9630,
0.9330)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D9DC
RGB	217, 217, 220
RGB Percent	85%, 85%, 86%
CMY	0.1490, 0.1490, 0.1373
CMYK	0.01, 0.01, 0.00, 0.14
HSL	240°, 4%, 86%
HSV	240°, 1%, 86%
XYZ	66.3463, 69.5447, 77.6357
YIQ	217.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

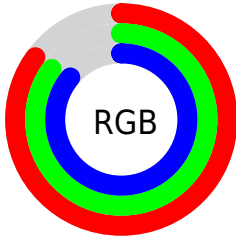
Format	Color
R _Y B	217, 217, 220
Decimal	14277084
CIE Lab	86.77, 0.55, -1.48
CIE LCh	87, 1.579, 290.359
Yxy	69.5447, 0.3107, 0.3257
Android (android.graphics.Color)	4292467164 (0xFFD9D9DC)
YUV	217.3420, 1.3104, -0.2999
Hunter-Lab	83.3935, -3.9272, 3.1790

Details

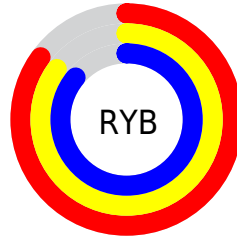
The YIQ color $217.3420, -0.9630, 0.9330$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $219.6580, 0.9630, -0.9330$, and the grayscale version is $217.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $162.3420, -0.9630, 0.9330$ is the 20% darker color. If you saturate the color by 10%, you get $197.8500, -8.0250, 7.7750$, and if you desaturate by 10%, it is $236.8340, 6.0990, -5.9090$.

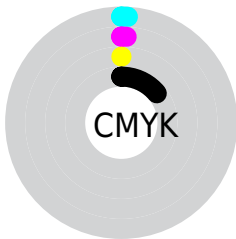
Distribution



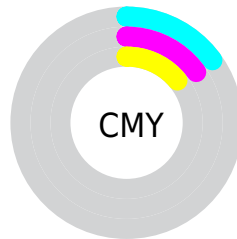
- Red (85%)
- Green (85%)
- Blue (86%)



- Red (85%)
- Yellow (85%)
- Blue (86%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (14%)



- Cyan (15%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.3420, -0.9630, 0.9330 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 217.3420, -0.9630, 0.9330 by changing the saturation by 10% instead.

■ 217.3420, -0.9630,
0.9330

■ 217.3420, -0.9630,
0.9330

255.0000, -0.0000,
-0.0000

■ 189.3420, -0.9630,
0.9330

■ 162.3420, -0.9630,
0.9330

■ 136.3420, -0.9630,
0.9330

■ 111.2280, -0.6420,
0.6220

■ 86.3420, -0.9630,
0.9330

■ 63.3420, -0.9630,
0.9330

■ 41.2280, -0.6420,

0.6220

■ 21.2280, -0.6420,
0.6220

■ 0.0000, 0.0000,
0.0000

■ 217.3420, -0.9630,
0.9330

■ 217.3420, -0.9630,
0.9330

■ 197.8500, -8.0250,
7.7750

■ 236.8340, 6.0990,
-5.9090

■ 178.3580,
-15.0870, 14.6170

■ 251.0100, 11.2350,
-10.8850

■ 158.8660,
-22.1490, 21.4590

■ 139.3740,
-29.2110, 28.3010

■ 119.8820,
-36.2730, 35.1430

■ 100.3900,
-43.3350, 41.9850

■ 80.8980, -50.3970,
48.8270

■ 61.4060, -57.4590,
55.6690

■ 41.9140, -64.5210,
62.5110

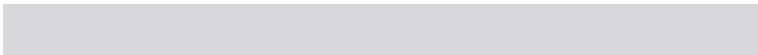
Harmonies

Analogous

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



217.3310, -2.4300, -0.0140



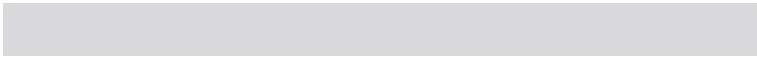
217.3420, -0.9630, 0.9330



217.8260, 0.5500, 1.0460

Triad

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



217.3420, -0.9630, 0.9330



217.6690, 2.4300, 0.0140



216.6900, -2.0630, -1.1590

Complementary

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



217.3420, -0.9630, 0.9330



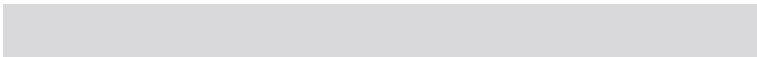
219.6580, 0.9630, -0.9330

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.



217.0600, -0.2290, -1.3570



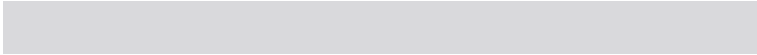
217.3420, -0.9630, 0.9330



217.2560, 2.1550, -0.5090

Square

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



217.3420, -0.9630, 0.9330



217.4950, 2.9800, 1.0600



216.6580, 0.9630, -0.9330



216.8040, -2.3840, -0.8480

Rectangle

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



217.3420, -0.9630, 0.9330



217.4240, 1.7420, 1.4700



216.6580, 0.9630, -0.9330



216.8750, -1.1460, -1.2580

Sweetspot

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



217.3420, -0.9630, 0.9330

255.0000, -0.0000, -0.0000



219.1030, -1.7880, -0.6360



128.0000, -0.0000, -0.0000



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



217.3420, -0.9630, 0.9330



250.5700, -1.6050, 1.5550



217.6410, -0.3670, 1.1450



107.3420, -0.9630, 0.9330



19.7220, -55.5330, 53.8030



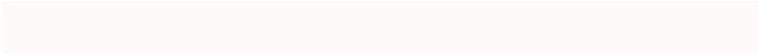
5.2440, -14.7660, 14.3060

Inverse Universe

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



217.8970, 1.7880, 0.6360



251.4950, 2.9800, 1.0600



219.3590, 0.3670, -1.1450



107.8970, 1.7880, 0.6360



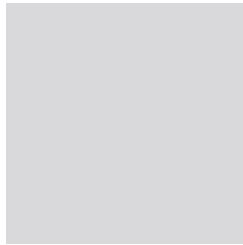
51.7270, 103.1080, 36.6760



13.7540, 27.4160, 9.7520

Previews

White Background



This preview shows how the YIQ color 217.3420, -0.9630, 0.9330 looks on a white background.

Color Contrast Check

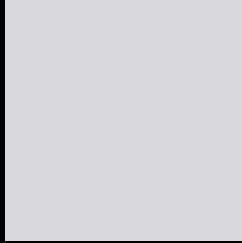
Large Text (above 18pt) WCAG AA × Fail

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 217.3420, -0.9630, 0.9330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

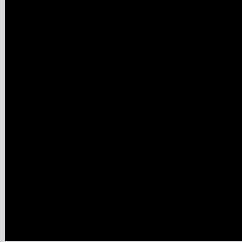
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

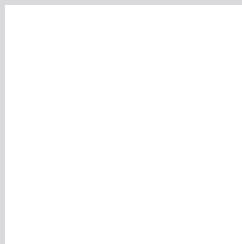
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 217.3420, -0.9630, 0.9330

Background



This preview shows how black text looks on a background with the YIQ color 217.3420, -0.9630, 0.9330.



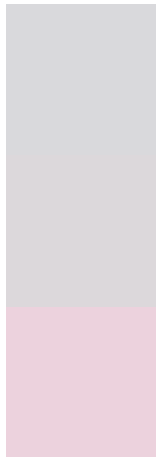
This preview shows how white text looks on a background with the YIQ color 217.3420, -0.9630,

0.9330.

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

217.3420, -0.9630, 0.9330

Protanopia

217.5380, 1.4210, 1.7810

Deuteranopia

219.0280, 11.9650, 8.9330



Tritanopia

218.1340, -3.0730, 6.1350

Trichromacy



Original Color

217.3420, -0.9630, 0.9330

Protanomaly

217.2390, 0.8250, 1.5690

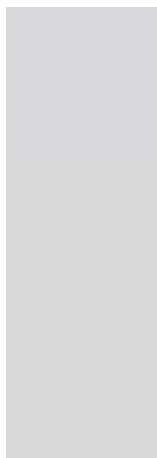
Deuteranomaly

218.6960, 6.9680, 5.8800

Tritanomaly

217.9660, -2.6600, 4.1560

Monochromacy



Original Color

217.3420, -0.9630, 0.9330

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

217.1140, -0.3210, 0.3110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.3420, -0.9630, 0.9330 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, 217, 220)` looks like.

```
.text, #text, p{  
    color:rgb(217, 217, 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(217, 217, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 217, 220) }
```

Border

The CSS property to change the border of an element to YIQ 217.3420, -0.9630, 0.9330 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, 217, 220) }
```

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

```
.border{ border-color:rgb(217, 217, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 217, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 217, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 217, 220);  
box-shadow:4px 4px 4px 4px rgb(217, 217,  
220) }
```


Background

The CSS property to change the background color of an element to YIQ 217.3420, -0.9630, 0.9330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 217, 220) }
```

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

```
.background{ background-color: rgb(217,  
217, 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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