

Converting Colors

YIQ(216.5720, 4.0810, -2.3750)

Have a look what the booklet for
YIQ(216.5720, 4.0810, -2.3750)
contains.

YIQ(216.5720, 4.0810, -2.3750)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(216.5720, 4.0810,
-2.3750)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD9D0
RGB	219, 217, 208
RGB Percent	86%, 85%, 82%
CMY	0.1412, 0.1490, 0.1843
CMYK	0.00, 0.01, 0.05, 0.14
HSL	49°, 13%, 84%
HSV	49°, 5%, 86%
XYZ	65.4119, 69.2397, 69.5953
YIQ	216.5720, 4.0810, -2.3750

Conversions

Conversions Part 2

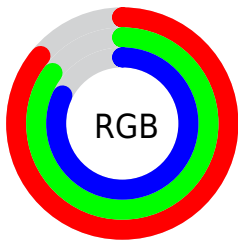
Format	Color
R _Y B	210, 219, 208
Decimal	14408144
CIE Lab	86.62, -0.89, 4.65
CIE LCh	87, 4.740, 100.875
Yxy	69.2397, 0.3203, 0.3390
Android (android.graphics.Color)	4292598224 (0xFFDBD9D0)
YUV	216.5720, -4.2260, 2.1294
Hunter-Lab	83.2104, -5.2989, 8.6584

Details

The YIQ color $216.5720, 4.0810, -2.3750$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $210.4280, -4.0810, 2.3750$, 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 $161.6860, 3.7600, -2.0640$ is the 20% darker color. If you saturate the color by 10%, you get $211.7160, 12.2430, -7.1250$, and if you desaturate by 10%, it is $221.4280, -4.0810, 2.3750$.

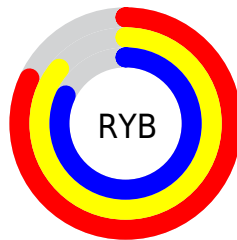
Distribution



Red (86%)

Green (85%)

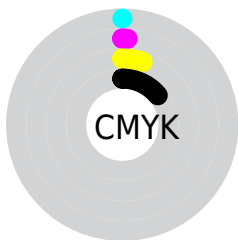
Blue (82%)



Red (82%)

Yellow (86%)

Blue (82%)

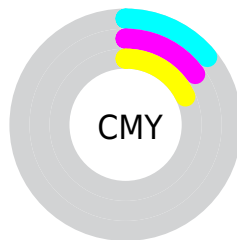


Cyan (0%)

Magenta (1%)

Yellow (5%)

Black (14%)



Cyan (14%)

Magenta (15%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.5720, 4.0810, -2.3750 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 216.5720, 4.0810, -2.3750 by changing the saturation by 10% instead.

■ 216.5720, 4.0810,
-2.3750

■ 216.5720, 4.0810,
-2.3750

255.0000, -0.0000,
-0.0000

■ 188.5720, 4.0810,
-2.3750

■ 161.6860, 3.7600,
-2.0640

■ 135.6860, 3.7600,
-2.0640

■ 110.3870, 3.1640,
-2.2760

■ 85.8000, 3.4390,
-1.7530

■ 62.8000, 3.4390,
-1.7530

■ 40.8000, 3.4390,

-1.7530

■ 20.3870, 3.1640,
-2.2760

■ 0.0000, 0.0000,
0.0000

■ 216.5720, 4.0810,
-2.3750

■ 216.5720, 4.0810,
-2.3750

■ 211.7160, 12.2430,
-7.1250

■ 221.4280, -4.0810,
2.3750

■ 206.8600, 20.4050,
-11.8750

■ 226.2840,
-12.2430, 7.1250

■ 202.0040, 28.5670,
-16.6250

■ 228.9740,
-14.3060, 5.9660

■ 197.1480, 36.7290,
-21.3750

■ 231.3220,
-15.4060, 3.8740

■ 192.4060, 44.5700,
-25.8140

■ 233.6700,
-16.5060, 1.7820

■ 187.5500, 52.7320,
-30.5640

■ 236.0180,
-17.6060, -0.3100

■ 182.6940, 60.8940,
-35.3140

■ 238.3660,
-18.7060, -2.4020

■ 177.8380, 69.0560,
-40.0640

■ 240.7140,
-19.8060, -4.4940

■ 172.9820, 77.2180,
-44.8140

■ 243.0620,
-20.9060, -6.5860

Harmonies

Analogous

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



217.4800, 7.3360, -0.7920



216.5720, 4.0810, -2.3750



215.8920, 0.1840, -3.3360

Triad

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



216.5720, 4.0810, -2.3750



215.7540, -8.1150, -1.6110



217.6740, 4.0340, 3.9860

Complementary

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



216.5720, 4.0810, -2.3750



210.4280, -4.0810, 2.3750

Split Complementary

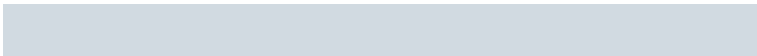
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



217.5210, 0.0910, 3.8590



216.5720, 4.0810, -2.3750



216.1070, -7.6110, 0.2690

Square

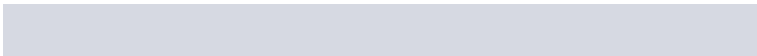
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.5720, 4.0810, -2.3750



215.5860, -7.7020, -3.5900



217.1290, -4.6770, 2.1630



218.0010, 7.4270, 3.0670

Rectangle

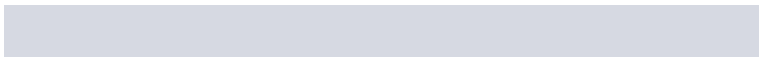
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216.5720, 4.0810, -2.3750



215.5110, -3.1170, -4.0850



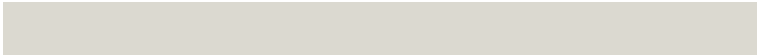
217.1290, -4.6770, 2.1630



217.4890, 3.1170, 4.0850

Sweetspot

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



216.5720, 4.0810, -2.3750



253.8430, 1.8800, -1.0320



211.5170, 5.9140, 2.9540



127.0710, 1.2380, -0.4100



0.0000, 0.0000, 0.0000



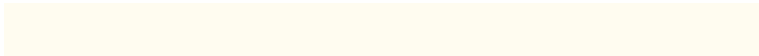
128.0000, -0.0000, -0.0000

Same Dimension

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



216.5720, 4.0810, -2.3750



251.5290, 5.6400, -3.0960



216.8490, 1.7430, -4.0570



107.9140, 3.1180, -1.4420



135.0810, 64.0580, -37.5900



36.0600, 16.9660, -10.1220

Inverse Universe

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



210.4280, -4.0810, 2.3750



242.8840, -5.3650, 3.6190



210.1510, -1.7430, 4.0570



103.4990, -2.8430, 1.9650



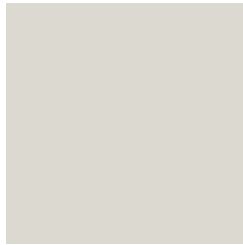
37.9190, -64.0580, 37.5900



9.9400, -16.9660, 10.1220

Previews

White Background



This preview shows how the YIQ color 216.5720, 4.0810, -2.3750 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 216.5720, 4.0810, -2.3750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

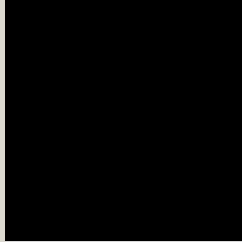
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

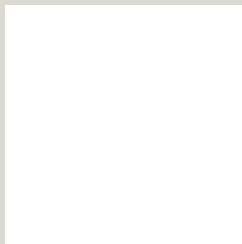
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 216.5720, 4.0810, -2.3750

Background



This preview shows how black text looks on a background with the YIQ color 216.5720, 4.0810, -2.3750.



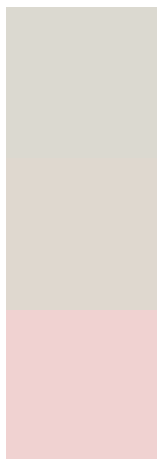
This preview shows how white text looks on a background with the YIQ color 216.5720, 4.0810,

-2.3750.

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

216.5720, 4.0810, -2.3750

Protanopia

217.0670, 7.0610, -1.3150

Deuteranopia

218.8560, 18.2010, 6.0490



Tritanopia

218.2160, -0.3680, 6.6720

Trichromacy



Original Color

216.5720, 4.0810, -2.3750

Protanomaly

216.7680, 6.4650, -1.5270

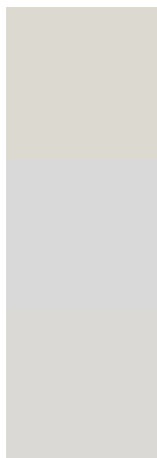
Deuteranomaly

218.2250, 12.6080, 2.7840

Tritanomaly

217.5920, 1.3290, 3.4490

Monochromacy



Original Color

216.5720, 4.0810, -2.3750

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

216.9570, 1.5590, -0.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.5720, 4.0810, -2.3750 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(219, 217, 208)` looks like.

```
.text, #text, p{  
    color:rgb(219, 217, 208)  
}
```

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(219, 217, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 217, 208) }
```

Border

The CSS property to change the border of an element to YIQ 216.5720, 4.0810, -2.3750 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(219, 217, 208) }
```


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

```
.border{ border-color:rgb(219, 217, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 217, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 217, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 217, 208);  
box-shadow:4px 4px 4px 4px rgb(219, 217,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 216.5720, 4.0810, -2.3750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 217, 208) }
```

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

```
.background{ background-color: rgb(219,  
217, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor