

Converting Colors

YIQ(219.3720, 7.5200, -4.1280)

Have a look what the booklet for
YIQ(219.3720, 7.5200, -4.1280)
contains.

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Color

**YIQ(219.3720, 7.5200,
-4.1280)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DCCC
RGB	224, 220, 204
RGB Percent	88%, 86%, 80%
CMY	0.1216, 0.1372, 0.2000
CMYK	0.00, 0.02, 0.09, 0.12
HSL	48°, 24%, 84%
HSV	48°, 9%, 88%
XYZ	67.2336, 71.3929, 67.3701
YIQ	219.3720, 7.5200, -4.1280

Conversions

Conversions Part 2

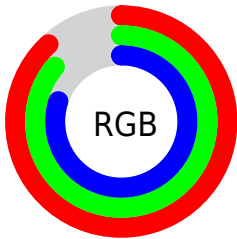
Format	Color
R _Y B	209, 224, 204
Decimal	14736588
CIE Lab	87.68, -1.37, 8.33
CIE LCh	88, 8.439, 99.360
Yxy	71.3929, 0.3264, 0.3466
Android (android.graphics.Color)	4292926668 (0xFFE0DCCC)
YUV	219.3720, -7.5784, 4.0588
Hunter-Lab	84.4943, -5.8296, 11.8721

Details

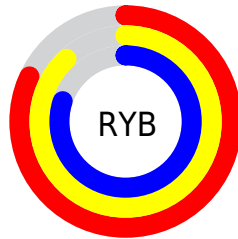
The YIQ color $219.3720, 7.5200, -4.1280$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $208.6280, -7.5200, 4.1280$, and the grayscale version is $219.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $164.4860, 7.1990, -3.8170$ is the 20% darker color. If you saturate the color by 10%, you get $214.5160, 15.6820, -8.8780$, and if you desaturate by 10%, it is $224.2280, -0.6420, 0.6220$.

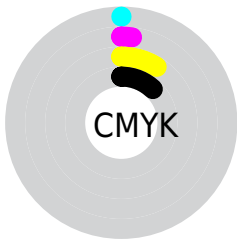
Distribution



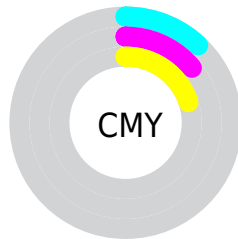
- Red (88%)
- Green (86%)
- Blue (80%)



- Red (82%)
- Yellow (88%)
- Blue (80%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (12%)



- Cyan (12%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.3720, 7.5200, -4.1280 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 219.3720, 7.5200, -4.1280 by changing the saturation by 10% instead.

■ 219.3720, 7.5200,
-4.1280

■ 219.3720, 7.5200,
-4.1280

255.0000, -0.0000,
-0.0000

■ 191.4860, 7.1990,
-3.8170

■ 164.4860, 7.1990,
-3.8170

■ 138.1870, 6.6030,
-4.0290

■ 112.6000, 6.8780,
-3.5060

■ 88.3010, 6.2820,
-3.7180

■ 65.1160, 5.3650,
-3.6190

■ 43.1160, 5.3650,

-3.6190

■ 22.1870, 6.6030,
-4.0290

■ 0.0000, 0.0000,
0.0000

■ 219.3720, 7.5200,
-4.1280

■ 219.3720, 7.5200,
-4.1280

■ 214.5160, 15.6820,
-8.8780

■ 224.2280, -0.6420,
0.6220

■ 208.9590, 24.4400,
-13.4160

■ 229.7850, -9.4000,
5.1600

■ 204.1030, 32.6020,
-18.1660

■ 232.8170,
-12.4260, 4.9340

■ 198.5460, 41.3600,
-22.7040

■ 235.7520,
-13.8010, 2.3190

■ 193.6900, 49.5220,
-27.4540

■ 238.1000,
-14.9010, 0.2270

■ 188.2470, 57.9590,
-31.6810

■ 241.0350,
-16.2760, -2.3880

■ 183.2770, 66.4420,
-36.7420

■ 243.3830,
-17.3760, -4.4800

■ 177.8340, 74.8790,
-40.9690

■ 245.7310,
-18.4760, -6.5720

■ 172.8640, 83.3620,
-46.0300

Harmonies

Analogous

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



220.1170, 12.7920, -0.5520



219.3720, 7.5200, -4.1280



218.1970, 0.6430, -6.1490

Triad

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



219.3720, 7.5200, -4.1280



217.8070, -15.6340, -3.0100



221.6360, 7.1970, 7.2370

Complementary

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



219.3720, 7.5200, -4.1280



208.6280, -7.5200, 4.1280

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.



221.1020, -0.0470, 6.3610



219.3720, 7.5200, -4.1280



218.6980, -13.7090, 0.6510

Square

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



219.3720, 7.5200, -4.1280



217.4820, -13.3410, -6.0210



220.2150, -7.7950, 3.6050



221.2190, 12.7450, 5.8090

Rectangle

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



219.3720, 7.5200, -4.1280



218.0330, -4.7670, -7.2230



220.2150, -7.7950, 3.6050



221.5540, 4.4920, 6.7000

Sweetspot

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



219.3720, 7.5200, -4.1280



252.9140, 3.1180, -1.4420



210.4360, 10.6360, 5.4840



126.1420, 2.4760, -0.8200



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.



219.3720, 7.5200, -4.1280



248.2860, 10.6380, -5.5700



219.9260, 2.8440, -7.4920



109.5720, 4.0810, -2.3750



135.3910, 66.1210, -36.4310



37.2450, 17.8830, -10.2210

Inverse Universe

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



208.6280, -7.5200, 4.1280



233.7140, -10.6380, 5.5700



208.0740, -2.8440, 7.4920



103.4280, -4.0810, 2.3750



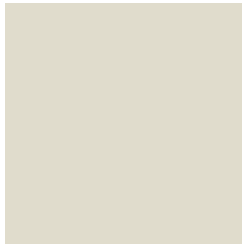
40.6090, -66.1210, 36.4310



11.3420, -18.1580, 9.6980

Previews

White Background



This preview shows how the YIQ color 219.3720, 7.5200, -4.1280 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 219.3720, 7.5200, -4.1280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

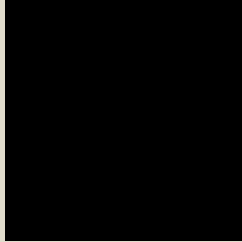
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

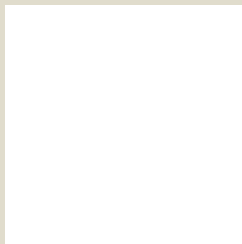
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 219.3720, 7.5200, -4.1280

Background



This preview shows how black text looks on a background with the YIQ color 219.3720, 7.5200, -4.1280.



This preview shows how white text looks on a background with the YIQ color 219.3720, 7.5200, -4.1280.

-4.1280.

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

219.3720, 7.5200, -4.1280

Protanopia

219.5680, 9.9040, -3.2800

Deuteranopia

221.4820, 22.1900, 5.3420



Tritanopia

221.5260, 1.6950, 7.8310

Trichromacy



Original Color

219.3720, 7.5200, -4.1280

Protanomaly

219.2690, 9.3080, -3.4920

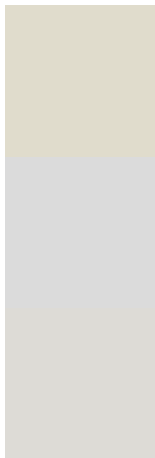
Deuteranomaly

220.7370, 16.9180, 1.7660

Tritanomaly

220.5600, 4.3550, 3.6750

Monochromacy



Original Color

219.3720, 7.5200, -4.1280

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

219.0280, 2.7970, -1.1310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.3720, 7.5200, -4.1280 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(224, 220, 204)` looks like.

```
.text, #text, p{  
    color:rgb(224, 220, 204)  
}
```

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(224, 220, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 220, 204) }
```

Border

The CSS property to change the border of an element to YIQ 219.3720, 7.5200, -4.1280 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(224, 220, 204) }
```


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

```
.border{ border-color:rgb(224, 220, 204) }
```

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

Here you see how a box with a 4 pixel rgb(224, 220, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 220, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 220, 204);  
box-shadow:4px 4px 4px 4px rgb(224, 220,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 219.3720, 7.5200, -4.1280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 220, 204) }
```

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

```
.background{ background-color: rgb(224,  
220, 204) }
```

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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