

Converting Colors

XYZ(71.4340, 71.3180, 64.6443)

Have a look what the booklet for
XYZ(71.4340, 71.3180, 64.6443)
contains.

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Color

**XYZ(71.4340, 71.3180,
64.6443)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D6C8
RGB	243, 214, 200
RGB Percent	95%, 84%, 78%
CMY	0.0471, 0.1608, 0.2157
CMYK	0.00, 0.12, 0.18, 0.05
HSL	20°, 64%, 87%
HSV	20°, 18%, 95%
XYZ	71.4340, 71.3180, 64.6443
YIQ	221.0750, 21.7780, 1.7940

Conversions

Conversions Part 2

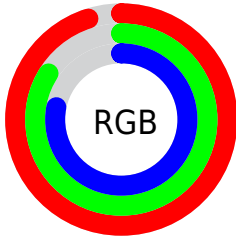
Format	Color
R _Y B	243, 221, 200
Decimal	15980232
CIE Lab	87.64, 7.87, 10.59
CIE LCh	88, 13.200, 53.375
Yxy	71.3180, 0.3444, 0.3439
Android (android.graphics.Color)	4294170312 (0xFFFF3D6C8)
YUV	221.0750, -10.3900, 19.2282
Hunter-Lab	84.4500, 3.2009, 13.7300

Details

The XYZ color **71.4340, 71.3180, 64.6443** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.0157, 74.7870, 95.6449**, and the grayscale version is **68.8415, 72.4266, 78.8726**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8361, 37.3107, 32.4016** is the 20% darker color. If you saturate the color by 10%, you get **64.8767, 62.3924, 49.5432**, and if you desaturate by 10%, it is **78.8638, 81.2649, 82.2648**.

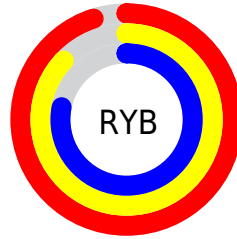
Distribution



Red (95%)

Green (84%)

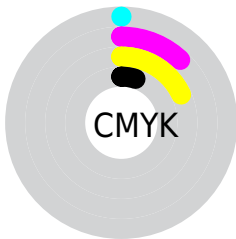
Blue (78%)



Red (95%)

Yellow (87%)

Blue (78%)

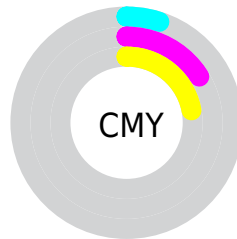


Cyan (0%)

Magenta (12%)

Yellow (18%)

Black (5%)



Cyan (5%)


Magenta (16%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.4340, 71.3180, 64.6443 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 XYZ color 71.4340, 71.3180, 64.6443 by changing the saturation by 10% instead.


 71.4340, 71.3180,
64.6443

 71.4340, 71.3180,
64.6443


454.7574,
465.1643, 459.7838

 52.9803, 52.6017,
46.7232


120.2666,
121.0864, 113.1467

 38.0144, 37.4849,
32.4641


151.3763,
152.9074, 144.5651

 26.1711, 25.5832,
21.4485


187.4352,
189.8653, 181.3196

 17.0851, 16.5121,
13.2578

228.8089,
232.3447, 223.8289

 10.3908, 9.8872,
7.4735

275.8625,
280.7299, 272.5114

 5.7231, 5.3243,
3.6770

328.9616,

 2.7165, 2.4387,

335.4053, 327.7857

1.4499

388.4715,
396.7553, 390.0703

■ 1.0057, 0.8457,
0.1802

■ 0.0000, 0.0000,
0.0000

■ 71.4340, 71.3180,
64.6443

■ 71.4340, 71.3180,
64.6443

■ 64.8767, 62.3924,
49.5432

■ 78.8638, 81.2649,
82.2648

■ 59.1526, 54.4456,
36.8407

■ 87.1918, 92.2549,
102.5086

■ 54.2277, 47.4456,
26.4131

■ 90.7723, 97.7948,
108.6998

■ 50.0633, 41.3556,
18.1235

■ 46.6174, 36.1357,
11.8202

■ 43.8429, 31.7430,
7.3311

■ 41.6864, 28.1299,
4.4542

■ 40.0802, 25.2415,
2.9205

■ 39.7687, 24.6676,
2.6653

Harmonies

Analogous

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



73.4524, 71.3180, 71.0235



71.4340, 71.3180, 64.6443



68.4812, 71.3180, 61.7824

Triad

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



71.4340, 71.3180, 64.6443



61.9902, 71.3180, 75.6846



70.1978, 71.3180, 94.5455

Complementary

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



71.4340, 71.3180, 64.6443



68.0157, 74.7870, 95.6449

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.



67.0947, 71.3180, 96.0327



71.4340, 71.3180, 64.6443



62.4180, 71.3180, 84.6831

Square

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



71.4340, 71.3180, 64.6443



63.0765, 71.3180, 67.8323



64.2636, 71.3180, 92.2998



72.7235, 71.3180, 88.3789

Rectangle

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



71.4340, 71.3180, 64.6443



66.4051, 71.3180, 62.0850



64.2636, 71.3180, 92.2998



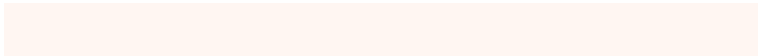
69.1852, 71.3180, 95.6279

Sweetspot

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



71.4359, 71.3212, 64.6458



90.3830, 93.8426, 97.5511



71.8135, 66.0427, 83.3728



19.2097, 19.9060, 20.5514



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



71.4359, 71.3212, 64.6458



77.1387, 76.1044, 66.1603



77.1298, 82.7089, 66.5437



16.9398, 17.3638, 17.2563



21.9351, 13.7558, 1.4990



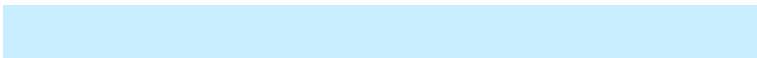
2.0176, 1.3884, 0.1616

Inverse Universe

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



68.0157, 74.7870, 95.6449



72.7048, 80.5925, 106.3317



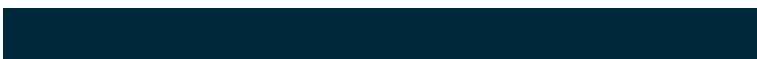
62.5253, 63.8062, 93.8148



16.5153, 17.7948, 21.1069



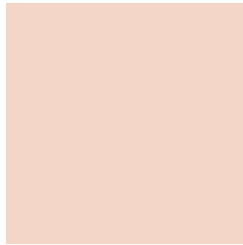
16.2787, 18.3512, 49.2222



1.5240, 1.7994, 4.3572

Previews

White Background



This preview shows how the XYZ color 71.4340, 71.3180, 64.6443 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 XYZ color 71.4340, 71.3180, 64.6443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

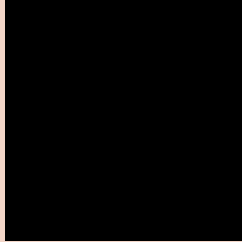
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.4340, 71.3180, 64.6443

Background



This preview shows how black text looks on a background with the XYZ color 71.4340, 71.3180, 64.6443.



This preview shows how white text looks on a background with the XYZ color 71.4340, 71.3180,

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

71.4340, 71.3180, 64.6443

Protanopia

68.1059, 71.4688, 66.7052

Deuteranopia

72.6802, 71.2136, 64.5585



Tritanopia

74.7801, 71.1770, 81.7487

Trichromacy



Original Color

71.4340, 71.3180, 64.6443

Protanomaly

69.0778, 71.2136, 65.9819

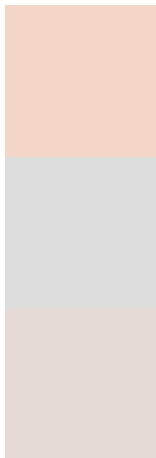
Deuteranomaly

72.2256, 71.3515, 64.6091

Tritanomaly

73.4748, 71.0108, 75.4795

Monochromacy



Original Color

71.4340, 71.3180, 64.6443

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.3947, 71.6049, 73.1144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4340, 71.3180, 64.6443 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(243, 214, 200)` looks like.

```
.text, #text, p{  
    color:rgb(243, 214, 200)  
}
```

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(243, 214, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 214, 200) }
```

Border

The CSS property to change the border of an element to XYZ 71.4340, 71.3180, 64.6443 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(243, 214, 200) }
```


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

```
.border{ border-color:rgb(243, 214, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 214, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 214, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 214, 200);  
box-shadow:4px 4px 4px 4px rgb(243, 214,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4340, 71.3180, 64.6443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 214, 200) }
```

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

```
.background{ background-color: rgb(243,  
214, 200) }
```

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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