

Converting Colors

XYZ(70.6738, 70.9259, 60.2028)

Have a look what the booklet for
XYZ(70.6738, 70.9259, 60.2028)
contains.

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Color

**XYZ(70.6344, 70.9981,
60.4332)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D6C1
RGB	243, 214, 193
RGB Percent	95%, 84%, 76%
CMY	0.0471, 0.1608, 0.2431
CMYK	0.00, 0.12, 0.21, 0.05
HSL	25°, 68%, 85%
HSV	25°, 21%, 95%
XYZ	70.6344, 70.9981, 60.4332
YIQ	220.2770, 24.0250, -0.3830

Conversions

Conversions Part 2

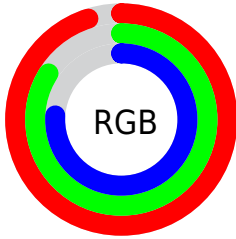
Format	Color
R _Y B	243, 229, 193
Decimal	15980225
CIE Lab	87.48, 6.84, 14.06
CIE LCh	87, 15.635, 64.051
Yxy	70.9981, 0.3496, 0.3514
Android (android.graphics.Color)	4294170305 (0xFFFF3D6C1)
YUV	220.2770, -13.4476, 19.9281
Hunter-Lab	84.2604, 2.1786, 16.4583

Details

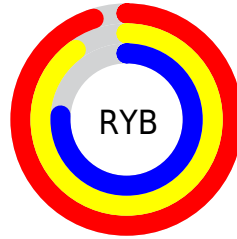
The XYZ color **70.6344, 70.9981, 60.4332** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.2908, 70.0494, 94.9270**, and the grayscale version is **68.3018, 71.8588, 78.2543**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **37.3080, 37.0995, 29.6207** is the 20% darker color. If you saturate the color by 10%, you get **64.7303, 63.1770, 46.1721**, and if you desaturate by 10%, it is **77.2964, 79.6209, 77.1460**.

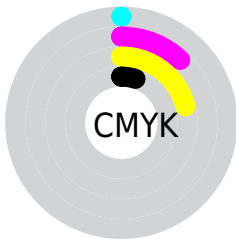
Distribution



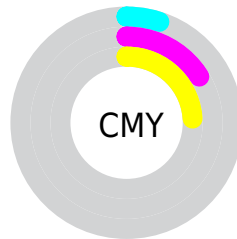
- Red (95%)
- Green (84%)
- Blue (76%)



- Red (95%)
- Yellow (90%)
- Blue (76%)



- Cyan (0%)
- Magenta (12%)
- Yellow (21%)
- Black (5%)





- Cyan (5%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.6344, 70.9981, 60.4332 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 70.6344, 70.9981, 60.4332 by changing the saturation by 10% instead.


 70.6344, 70.9981,
60.4332

 70.6344, 70.9981,
60.4332


452.0061,
464.0468, 444.0416

 52.3254, 52.3406,
43.3403

 119.1344,
120.6310, 107.0073

 37.4898, 37.2767,
29.8189

150.0560,
152.3753, 137.3257

 25.7624, 25.4218,
19.4502


185.9125,
189.2506, 172.8896

 16.7777, 16.3916,
11.8160

227.0693,
231.6413, 214.1176

 10.1704, 9.8017,
6.4975

273.8917,
279.9320, 261.4283

 5.5752, 5.2677,
3.0762

326.7450,

 2.6267, 2.4051,

334.5068, 315.2401

1.1337

385.9947,
395.7503, 375.9717

■ 0.9596, 0.8285,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.6344, 70.9981,
60.4332

■ 70.6344, 70.9981,
60.4332

■ 64.7303, 63.1770,
46.1721

■ 77.2964, 79.6209,
77.1460

■ 59.5487, 56.1238,
34.2411

■ 84.7382, 89.0588,
96.4150

■ 55.0601, 49.8160,
24.5150

■ 90.7724, 97.7948,
108.6998

■ 51.2300, 44.2264,
16.8549

■ 48.0207, 39.3259,
11.1056

■ 45.3900, 35.0825,
7.0899

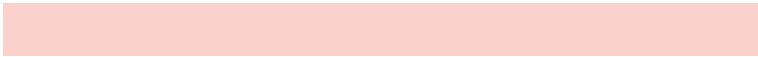
■ 43.2884, 31.4609,
4.5964

■ 41.7220, 28.5740,
3.3163

Harmonies

Analogous

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



73.5333, 70.9981, 66.4748



70.6344, 70.9981, 60.4332



66.9815, 70.9981, 58.7535

Triad

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



70.6344, 70.9981, 60.4332



60.6479, 70.9981, 78.7496



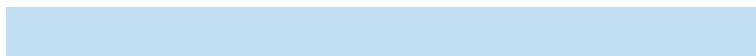
71.5334, 70.9981, 95.3949

Complementary

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



70.6344, 70.9981, 60.4332



64.2908, 70.0494, 94.9270

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.



67.9842, 70.9981, 99.4002



70.6344, 70.9981, 60.4332



61.7713, 70.9981, 89.2516

Square

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



70.6344, 70.9981, 60.4332



61.2999, 70.9981, 68.7491



64.4240, 70.9981, 97.0563



74.0654, 70.9981, 86.5426

Rectangle

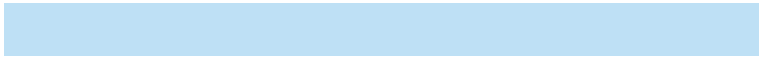
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.6344, 70.9981, 60.4332



64.6307, 70.9981, 60.1922



64.4240, 70.9981, 97.0563



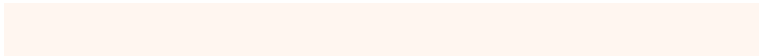
70.4151, 70.9981, 97.3876

Sweetspot

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



70.6363, 71.0013, 60.4347



89.9182, 93.5226, 95.5171



69.2400, 62.4784, 77.6354



19.1308, 19.8711, 20.1464



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.



70.6363, 71.0013, 60.4347



75.7510, 75.1915, 59.9555



77.4062, 84.5411, 62.6913



17.0712, 17.6266, 17.3001



23.0248, 15.9352, 1.8623



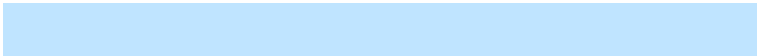
2.1229, 1.5991, 0.1968

Inverse Universe

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



64.2908, 70.0494, 94.9270



67.4025, 73.9362, 105.3264



58.1750, 57.8177, 92.8884



16.3794, 17.5231, 21.0616



14.2361, 14.2660, 48.5413



1.3527, 1.4569, 4.3001

Previews

White Background



This preview shows how the XYZ color 70.6344, 70.9981, 60.4332 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 70.6344, 70.9981, 60.4332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

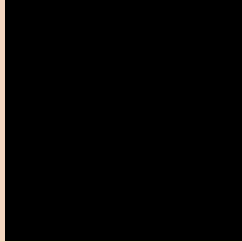
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.6344, 70.9981, 60.4332

Background



This preview shows how black text looks on a background with the XYZ color 70.6344, 70.9981, 60.4332.



This preview shows how white text looks on a background with the XYZ color 70.6344, 70.9981,

60.4332.

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

70.6344, 70.9981, 60.4332

Protanopia

67.4949, 71.2612, 61.8272

Deuteranopia

72.4562, 70.8076, 60.8873



Tritanopia

74.8857, 70.8661, 81.6831

Trichromacy



Original Color

70.6344, 70.9981, 60.4332

Protanomaly

68.4821, 71.0132, 61.1365

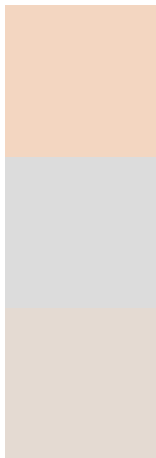
Deuteranomaly

71.6389, 70.7562, 60.9205

Tritanomaly

73.4379, 71.0364, 73.4591

Monochromacy



Original Color

70.6344, 70.9981, 60.4332

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.6992, 71.2899, 71.1123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6344, 70.9981, 60.4332 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(243, 214, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 214, 193) }
```

Border

The CSS property to change the border of an element to XYZ 70.6344, 70.9981, 60.4332 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, 193) }
```


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

```
.border{ border-color:rgb(243, 214, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 214, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 214, 193);  
box-shadow:4px 4px 4px 4px rgb(243, 214,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6344, 70.9981, 60.4332 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, 193) }
```

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

```
.background{ background-color: rgb(243,  
214, 193) }
```

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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