

Converting Colors

XYZ(71.2130, 74.6841, 65.1463)

Have a look what the booklet for
XYZ(71.2130, 74.6841, 65.1463)
contains.

XYZ(71.4051, 74.7784, 65.3138)	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

**XYZ(71.4051, 74.7784,
65.3138)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDFC8
RGB	236, 223, 200
RGB Percent	93%, 87%, 78%
CMY	0.0745, 0.1255, 0.2157
CMYK	0.00, 0.06, 0.15, 0.07
HSL	38°, 49%, 85%
HSV	38°, 15%, 93%
XYZ	71.4051, 74.7784, 65.3138
YIQ	224.2650, 15.1310, -4.3970

Conversions

Conversions Part 2

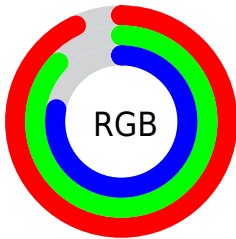
Format	Color
R _Y B	220, 236, 200
Decimal	15523784
CIE Lab	89.29, 0.70, 12.86
CIE LCh	89, 12.879, 86.874
Yxy	74.7784, 0.3376, 0.3536
Android (android.graphics.Color)	4293713864 (0xFFE0C0)
YUV	224.2650, -11.9626, 10.2916
Hunter-Lab	86.4745, -3.9365, 15.7507

Details

The XYZ color **71.4051, 74.7784, 65.3138** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7537, 65.9226, 88.7743**, and the grayscale version is **71.1181, 74.8218, 81.4809**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0133, 39.7839, 32.8697** is the 20% darker color. If you saturate the color by 10%, you get **66.6386, 69.3234, 51.1515**, and if you desaturate by 10%, it is **76.7160, 80.6394, 81.7598**.

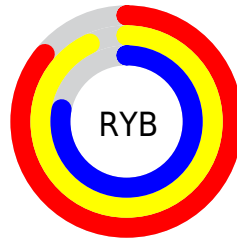
Distribution



Red (93%)

Green (87%)

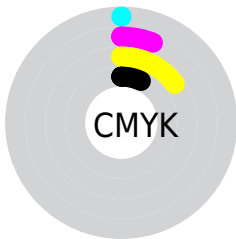
Blue (78%)



Red (86%)

Yellow (93%)

Blue (78%)

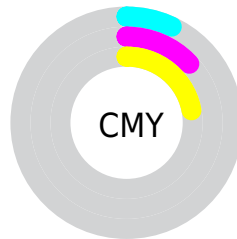


Cyan (0%)

Magenta (6%)

Yellow (15%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4051, 74.7784, 65.3138 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 71.4051, 74.7784, 65.3138 by changing the saturation by 10% instead.

71.4051, 74.7784,
65.3138

71.4051, 74.7784,
65.3138

454.6581,
477.1556, 462.2558

52.9566, 55.4314,
47.2626

120.2257,
125.9986, 114.1185

37.9954, 39.7472,
32.8875

151.3286,
158.6406, 145.7091

26.1564, 27.3415,
21.7698

187.3802,
196.4830, 182.6498

17.0739, 17.8299,
13.4912

228.7461,
239.9103, 225.3594

10.3829, 10.8279,
7.6330

275.7914,
289.3068, 274.2562

5.7177, 5.9512,
3.7766

328.8816,

2.7132, 2.8154,

345.0569, 329.7588

1.5036

388.3821,
407.5450, 392.2859

■ 1.0040, 1.0362,
0.2206

■ 0.0000, 0.0000,
0.0000

■ 71.4051, 74.7784,
65.3138

■ 71.4051, 74.7784,
65.3138

■ 66.6386, 69.3234,
51.1515

■ 76.7160, 80.6394,
81.7598

■ 62.3892, 64.2534,
39.1650

■ 82.5851, 86.9071,
100.5812

■ 58.6364, 59.5598,
29.2449

■ 86.3832, 92.5347,
107.9158

■ 55.3556, 55.2301,
21.2702

■ 88.4023, 96.5730,
108.5889

■ 52.5196, 51.2506,
15.1072

■ 50.0981, 47.6062,
10.6052

■ 48.0561, 44.2799,
7.5887

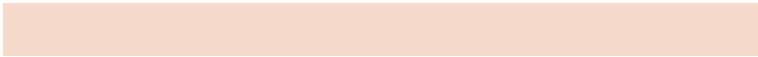
■ 46.3508, 41.2514,
5.8421

■ 45.6283, 39.9049,
5.2976

Harmonies

Analogous

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



74.4330, 74.7784, 67.7529



71.4051, 74.7784, 65.3138



68.3743, 74.7784, 66.9203

Triad

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



71.4051, 74.7784, 65.3138



65.8125, 74.7784, 89.5085



76.2636, 74.7784, 91.2633

Complementary

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



71.4051, 74.7784, 65.3138



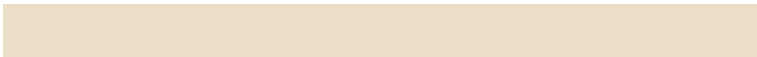
62.7537, 65.9226, 88.7743

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.



73.8451, 74.7784, 97.8781



71.4051, 74.7784, 65.3138



67.8188, 74.7784, 96.8136

Square

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



71.4051, 74.7784, 65.3138



65.2021, 74.7784, 80.4796



70.7452, 74.7784, 99.9798



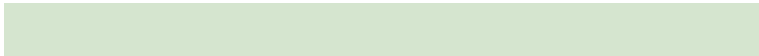
77.2895, 74.7784, 82.3696

Rectangle

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



71.4051, 74.7784, 65.3138



66.7491, 74.7784, 70.1395



70.7452, 74.7784, 99.9798



75.5831, 74.7784, 93.8516

Sweetspot

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



71.4071, 74.7817, 65.3154



91.6139, 96.3044, 97.9614



67.2828, 63.9567, 71.8836



19.5087, 20.5040, 20.6511



0.0000, 0.0000, 0.0000



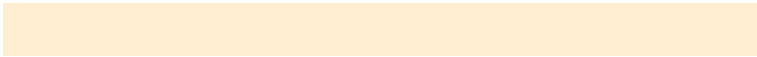
20.3446, 21.4041, 23.3091

Same Dimension

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



71.4071, 74.7817, 65.3154



83.4612, 87.2688, 72.8322



73.4411, 81.1840, 66.4439



15.8682, 16.6593, 15.8980



25.2780, 22.2503, 2.9624



2.0756, 1.9285, 0.2628

Inverse Universe

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



62.7537, 65.9226, 88.7743



71.4792, 75.0027, 105.3174



60.9173, 60.3165, 87.7891



14.6763, 15.4390, 19.1288



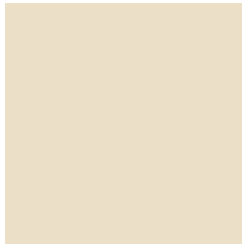
10.2564, 7.1598, 44.5844



0.8938, 0.7391, 3.5304

Previews

White Background



This preview shows how the XYZ color 71.4051, 74.7784, 65.3138 looks on a white background.

Color Contrast Check

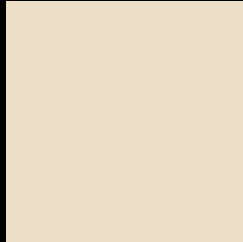
Large Text (above 18pt) WCAG AA × Fail

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 71.4051, 74.7784, 65.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

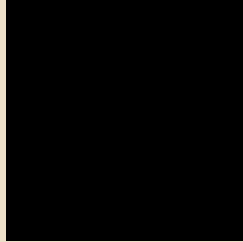
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

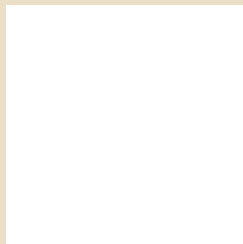
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.4051, 74.7784, 65.3138

Background



This preview shows how black text looks on a background with the XYZ color 71.4051, 74.7784, 65.3138.



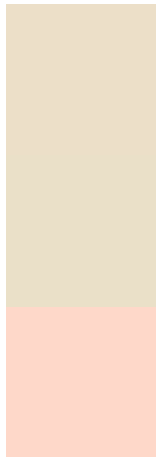
This preview shows how white text looks on a background with the XYZ color 71.4051, 74.7784,

65.3138.

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

71.4051, 74.7784, 65.3138

Protanopia

71.0127, 74.9739, 65.3722

Deuteranopia

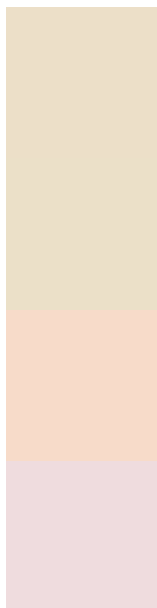
75.9715, 74.3996, 65.6148



Tritanopia

76.3424, 74.8417, 89.0195

Trichromacy



Original Color

71.4051, 74.7784, 65.3138

Protanomaly

71.3419, 75.1436, 65.3876

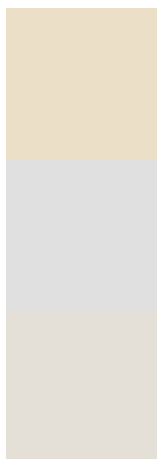
Deuteranomaly

74.2319, 74.6542, 65.7556

Tritanomaly

74.3746, 74.8110, 79.6273

Monochromacy



Original Color

71.4051, 74.7784, 65.3138

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.9163, 74.7116, 74.9731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4051, 74.7784, 65.3138 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(236, 223, 200)` looks like.

```
.text, #text, p{  
    color:rgb(236, 223, 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(236, 223, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 223, 200) }
```

Border

The CSS property to change the border of an element to XYZ 71.4051, 74.7784, 65.3138 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(236, 223, 200) }
```


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

```
.border{ border-color:rgb(236, 223, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 223, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 223, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 223, 200);  
box-shadow:4px 4px 4px 4px rgb(236, 223,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4051, 74.7784, 65.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 223, 200) }
```

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

```
.background{ background-color: rgb(236,  
223, 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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