

Converting Colors

XYZ(70.6883, 74.4560, 70.7553)

Have a look what the booklet for
XYZ(70.6883, 74.4560, 70.7553)
contains.

XYZ(70.5294, 74.2018, 70.9267)	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(70.5294, 74.2018,
70.9267)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DFD1
RGB	230, 223, 209
RGB Percent	90%, 87%, 82%
CMY	0.0980, 0.1255, 0.1804
CMYK	0.00, 0.03, 0.09, 0.10
HSL	40°, 30%, 86%
HSV	40°, 9%, 90%
XYZ	70.5294, 74.2018, 70.9267
YIQ	223.4970, 8.6660, -2.8700

Conversions

Conversions Part 2

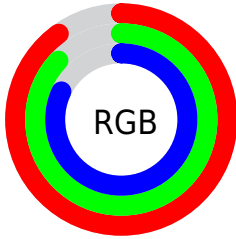
Format	Color
R _Y B	220, 230, 209
Decimal	15130577
CIE Lab	89.02, 0.01, 7.69
CIE LCh	89, 7.693, 89.955
Yxy	74.2018, 0.3270, 0.3441
Android (android.graphics.Color)	4293320657 (0xFFE6DFD1)
YUV	223.4970, -7.1470, 5.7031
Hunter-Lab	86.1405, -4.5950, 11.4799

Details

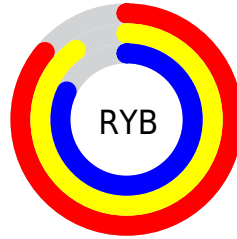
The XYZ color **70.5294, 74.2018, 70.9267** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1331, 68.3790, 84.6292**, and the grayscale version is **70.5395, 74.2130, 80.8179**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.3746, 39.3705, 36.6398** is the 20% darker color. If you saturate the color by 10%, you get **65.8846, 69.1446, 56.3290**, and if you desaturate by 10%, it is **75.6821, 79.6153, 87.7237**.

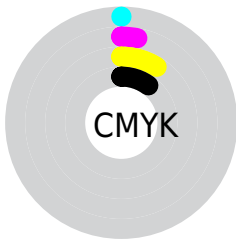
Distribution



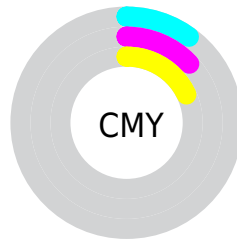
- Red (90%)
- Green (87%)
- Blue (82%)



- Red (86%)
- Yellow (90%)
- Blue (82%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (10%)



- Cyan (10%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.5294, 74.2018, 70.9267 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 70.5294, 74.2018, 70.9267 by changing the saturation by 10% instead.

■ 70.5294, 74.2018,
70.9267

■ 70.5294, 74.2018,
70.9267

451.6441,
475.1696, 482.6739

■ 52.2394, 54.9592,
51.8009

118.9856,
125.1818, 122.2228

■ 37.4210, 39.3691,
36.4653

149.8824,
157.6881, 155.2303

■ 25.7088, 27.0470,
24.5012

185.7123,
195.3843, 193.7020

■ 16.7374, 17.6085,
15.4902

226.8405,
238.6550, 238.0565

■ 10.1416, 10.6693,
9.0137

273.6325,
287.8844, 288.7125

■ 5.5559, 5.8449,
4.6532

326.4535,

■ 2.6151, 2.7510,

343.4571, 346.0883

1.9901

385.6689,
405.7573, 410.6026

■ 0.9536, 1.0032,
0.5492

■ 0.0000, 0.0000,
0.0000

■ 70.5294, 74.2018,
70.9267

■ 70.5294, 74.2018,
70.9267

■ 65.8846, 69.1446,
56.3290

■ 75.6821, 79.6153,
87.7237

■ 61.7228, 64.4244,
43.8330

■ 81.3539, 85.3841,
106.8007

■ 58.0261, 60.0346,
33.3410

■ 83.6365, 89.9492,
107.5616

■ 54.7728, 55.9644,
24.7454

■ 86.0152, 94.7066,
108.3545

■ 51.9394, 52.2024,
17.9285

■ 86.4434, 95.5631,
108.4972

■ 49.4998, 48.7361,
12.7595

■ 47.4244, 45.5515,
9.0892

■ 45.6784, 42.6324,
6.7411

■ 44.2081, 39.9550,
5.4395

Harmonies

Analogous

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



72.3422, 74.2018, 72.2029



70.5294, 74.2018, 70.9267



68.7464, 74.2018, 72.1954

Triad

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



70.5294, 74.2018, 70.9267



67.4569, 74.2018, 86.0449



73.6851, 74.2018, 86.0595

Complementary

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



70.5294, 74.2018, 70.9267



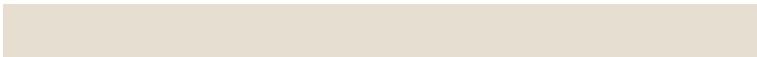
65.1331, 68.3790, 84.6292

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.



72.3373, 74.2018, 90.0478



70.5294, 74.2018, 70.9267



68.7416, 74.2018, 90.0391

Square

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



70.5294, 74.2018, 70.9267



66.9917, 74.2018, 80.7851



70.5238, 74.2018, 91.5346



74.1837, 74.2018, 80.8012

Rectangle

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



70.5294, 74.2018, 70.9267



67.8096, 74.2018, 74.3472



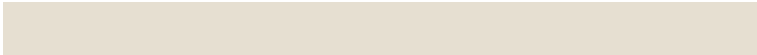
70.5238, 74.2018, 91.5346



73.3152, 74.2018, 87.6014

Sweetspot

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



70.5314, 74.2050, 70.9283



93.0350, 97.9018, 102.2726



67.8292, 67.3828, 74.3979



19.8002, 20.8365, 21.5208



0.0000, 0.0000, 0.0000



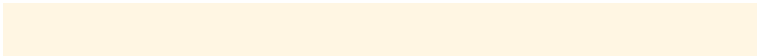
20.3446, 21.4041, 23.3091

Same Dimension

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



70.5314, 74.2050, 70.9283



87.9494, 92.5057, 85.8568



71.3273, 77.4476, 71.5122



15.1759, 15.9658, 15.1863



25.0764, 22.7269, 3.0651



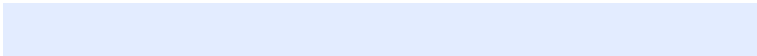
1.9376, 1.8485, 0.2547

Inverse Universe

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



65.1331, 68.3790, 84.6292



79.7930, 83.7031, 106.5585



64.3801, 65.3867, 84.0913



13.9731, 14.6677, 18.2390



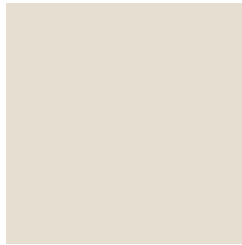
9.6740, 6.4101, 43.1106



0.7978, 0.6396, 3.2134

Previews

White Background



This preview shows how the XYZ color 70.5294, 74.2018, 70.9267 looks on a white background.

Color Contrast Check

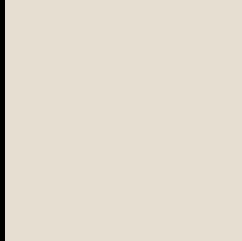
Large Text (above 18pt) WCAG AA × Fail

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 70.5294, 74.2018, 70.9267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

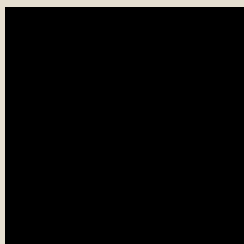
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

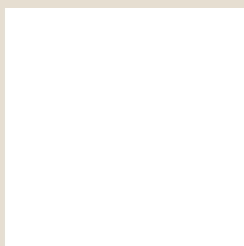
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.5294, 74.2018, 70.9267

Background



This preview shows how black text looks on a background with the XYZ color 70.5294, 74.2018, 70.9267.

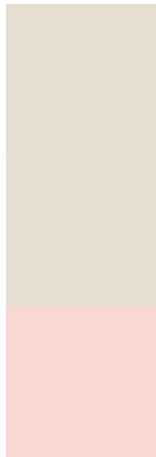


This preview shows how white text looks on a background with the XYZ color 70.5294, 74.2018,

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

70.5294, 74.2018, 70.9267

Protanopia

70.8513, 74.3677, 70.9417

Deuteranopia

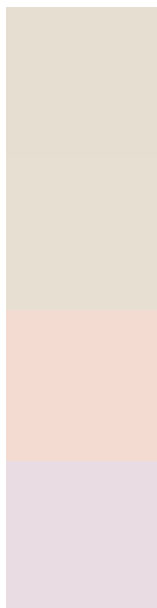
75.6131, 74.0889, 71.2881



Tritanopia

74.4035, 74.2116, 89.7597

Trichromacy



Original Color

70.5294, 74.2018, 70.9267

Protanomaly

70.8513, 74.3677, 70.9417

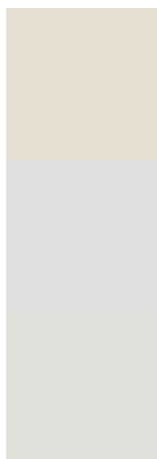
Deuteranomaly

73.9265, 74.3709, 71.4314

Tritanomaly

72.9249, 74.0010, 82.3916

Monochromacy



Original Color

70.5294, 74.2018, 70.9267

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.8059, 74.5945, 77.6841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.5294, 74.2018, 70.9267 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(230, 223, 209) looks like.

```
.text, #text, p{  
    color:rgb(230, 223, 209)  
}
```

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(230, 223, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 223, 209) }
```

Border

The CSS property to change the border of an element to XYZ 70.5294, 74.2018, 70.9267 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(230, 223, 209) }
```


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

```
.border{ border-color:rgb(230, 223, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 223, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 223, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 223, 209);  
box-shadow:4px 4px 4px 4px rgb(230, 223,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5294, 74.2018, 70.9267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 223, 209) }
```

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

```
.background{ background-color: rgb(230,  
223, 209) }
```

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