

# Converting Colors

XYZ(70.4105, 70.3826, 73.3027)

Have a look what the booklet for  
XYZ(70.4105, 70.3826, 73.3027)  
contains.

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# **Color**

**XYZ(70.1928, 70.1057,  
73.4505)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBD5D6
RGB	235, 213, 214
RGB Percent	92%, 84%, 84%
CMY	0.0784, 0.1647, 0.1608
CMYK	0.00, 0.09, 0.09, 0.08
HSL	357°, 35%, 88%
HSV	357°, 9%, 92%
XYZ	70.1928, 70.1057, 73.4505
YIQ	219.6920, 12.7910, 4.9750

# Conversions

## Conversions Part 2

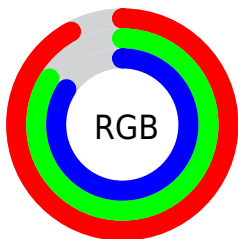
Format	Color
R <sub>Y</sub> B	235, 213, 214
Decimal	15455702
CIE Lab	87.05, 7.77, 2.27
CIE LCh	87, 8.096, 16.249
Yxy	70.1057, 0.3284, 0.3280
Android (android.graphics.Color)	4293645782 (0xFFEBD5D6)
YUV	219.6920, -2.8062, 13.4251
Hunter-Lab	83.7291, 3.1162, 6.5989

# Details

The XYZ color **70.1928, 70.1057, 73.4505** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.0029, 79.5051, 89.3969**, and the grayscale version is **67.8272, 71.3595, 77.7105**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0753, 36.5406, 37.8999** is the 20% darker color. If you saturate the color by 10%, you get **62.0342, 58.0619, 57.5546**, and if you desaturate by 10%, it is **79.6066, 84.0265, 91.7136**.

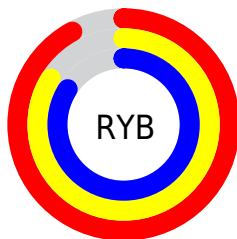
# Distribution



Red (92%)

Green (84%)

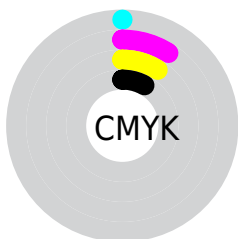
Blue (84%)



Red (92%)

Yellow (84%)

Blue (84%)

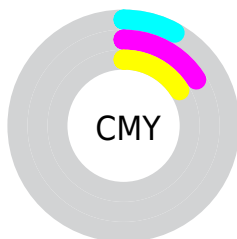


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (8%)



Cyan (8%)

Magenta (16%)


Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1928, 70.1057, 73.4505 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 70.1928, 70.1057, 73.4505 by changing the saturation by 10% instead.




 70.1928, 70.1057,  
73.4505

 70.1928, 70.1057,  
73.4505


450.4825,  
460.9210, 491.6873

 51.9639, 51.6127,  
53.8503


118.5084,  
119.3595, 125.8434

 37.2004, 36.6965,  
38.0897

149.3259,  
150.8891, 159.4732

 25.5371, 24.9726,  
25.7499


185.0702,  
187.5330, 198.6166

 16.6085, 16.0566,  
16.4126

226.1067,  
229.6756, 243.6923

 10.0493, 9.5642,  
9.6591

272.8009,  
277.7013, 295.1186

 5.4942, 5.1110,  
5.0709

325.5180,

 2.5778, 2.3125,

331.9945, 353.3142

2.2294

384.6234,  
392.9396, 418.6976

■ 0.9346, 0.7803,  
0.6913

■ 0.0000, 0.0000,  
0.0000

■ 70.1928, 70.1057,  
73.4505

■ 70.1928, 70.1057,  
73.4505

■ 62.0342, 58.0619,  
57.5546

■ 79.6066, 84.0265,  
91.7136

■ 55.0721, 47.8062,  
43.9247

■ 88.0713, 96.4024,  
108.5734

■ 49.2521, 39.2560,  
32.4590

■ 44.5131, 32.3190,  
23.0462

■ 40.7886, 26.8938,  
15.5651

■ 38.0043, 22.8679,  
9.8817

■ 36.0763, 20.1127,  
5.8449

■ 34.9052, 18.4763,  
3.2790

■ 34.3445, 17.7218,  
1.9608

# Harmonies

## Analogous

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



70.2354, 70.1057, 78.8404



70.1928, 70.1057, 73.4505



69.1848, 70.1057, 69.0412

# Triad

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



70.1928, 70.1057, 73.4505



64.0360, 70.1057, 69.3425



65.7711, 70.1057, 86.9238

# Complementary

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



70.1928, 70.1057, 73.4505



72.0029, 79.5051, 89.3969

# 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.



64.1455, 70.1057, 84.1214



70.1928, 70.1057, 73.4505



63.1567, 70.1057, 73.8797

# Square

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



70.1928, 70.1057, 73.4505



65.6191, 70.1057, 66.7474



63.1963, 70.1057, 79.2903



67.6581, 70.1057, 86.7954



# Rectangle

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



70.1928, 70.1057, 73.4505



68.1116, 70.1057, 67.1752



63.1963, 70.1057, 79.2903



65.1767, 70.1057, 86.2878

# Sweetspot

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



70.1948, 70.1088, 73.4520



91.5041, 94.7543, 102.0268



72.6905, 71.0653, 88.4839



19.3879, 19.9889, 21.4544



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

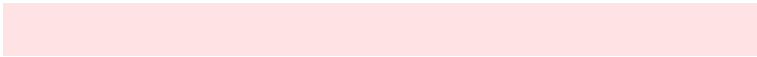


# Same Dimension

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



70.1948, 70.1088, 73.4520



82.7296, 81.7845, 84.9847



72.6342, 75.1906, 73.6395



15.0931, 15.0651, 15.7756



19.1127, 9.8478, 1.1289



1.5106, 0.7772, 0.1400



# Inverse Universe

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



70.1948, 70.1088, 73.4520



82.7296, 81.7845, 84.9847



69.3909, 74.0514, 89.2342



15.0931, 15.0651, 15.7756



19.1127, 9.8478, 1.1289

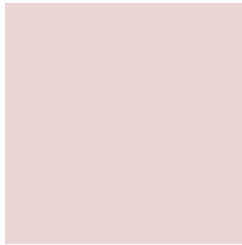


1.5106, 0.7772, 0.1400



# Previews

## White Background



This preview shows how the XYZ color 70.1928, 70.1057, 73.4505 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

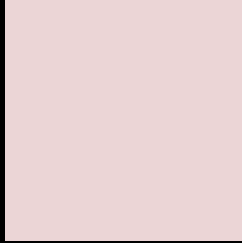
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 70.1928, 70.1057, 73.4505 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

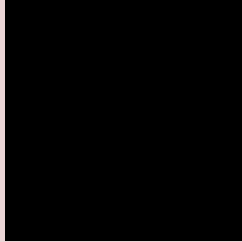
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 70.1928, 70.1057, 73.4505

## Background



This preview shows how black text looks on a background with the XYZ color 70.1928, 70.1057, 73.4505.



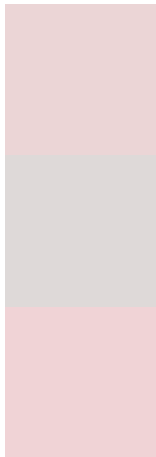
This preview shows how white text looks on a background with the XYZ color 70.1928, 70.1057,

73.4505.

# 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

70.1928, 70.1057, 73.4505

### Protanopia

67.3317, 70.1132, 74.9502

### Deuteranopia

71.3670, 69.9688, 73.3622



## Tritanopia

72.0844, 70.1391, 82.4120

# Trichromacy



## Original Color

70.1928, 70.1057, 73.4505

## Protanomaly

68.5002, 70.3489, 74.2583

## Deuteranomaly

70.9410, 70.1191, 73.4137

## Tritanomaly

71.3204, 70.1938, 78.8970

# Monochromacy



## Original Color

70.1928, 70.1057, 73.4505

## Achromatopsia

68.0267, 71.5694, 77.9390

## Achromatomaly

68.5191, 70.6952, 76.3639

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 70.1928, 70.1057, 73.4505 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(235, 213, 214) looks like.

```
.text, #text, p{  
    color:rgb(235, 213, 214)  
}
```

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(235, 213, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 213, 214) }
```

## Border

The CSS property to change the border of an element to XYZ 70.1928, 70.1057, 73.4505 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(235, 213, 214) }
```



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

```
.border{ border-color:rgb(235, 213, 214) }
```

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

Here you see how a box with a 4 pixel rgb(235, 213, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 213, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 213, 214);  
box-shadow:4px 4px 4px 4px rgb(235, 213,  
214) }
```

# Background

The CSS property to change the background color of an element to XYZ 70.1928, 70.1057, 73.4505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 213, 214) }
```

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

```
.background{ background-color: rgb(235,  
213, 214) }
```

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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