

Converting Colors

XYZ(70.3459, 67.8951, 67.9247)

Have a look what the booklet for
XYZ(70.3459, 67.8951, 67.9247)
contains.

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Color

**XYZ(70.1740, 67.6535,
67.7524)**

Conversions

Conversions Part 1

Format	Color
Hex	F3CECE
RGB	243, 206, 206
RGB Percent	95%, 81%, 81%
CMY	0.0471, 0.1921, 0.1922
CMYK	0.00, 0.15, 0.15, 0.05
HSL	0°, 61%, 88%
HSV	0°, 15%, 95%
XYZ	70.1740, 67.6535, 67.7524
YIQ	217.0630, 22.0520, 7.8440

Conversions

Conversions Part 2

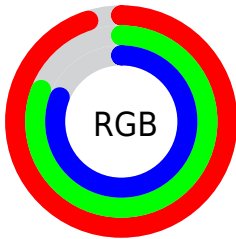
Format	Color
R _Y B	243, 206, 206
Decimal	15978190
CIE Lab	85.83, 12.97, 4.83
CIE LCh	86, 13.841, 20.412
Yxy	67.6535, 0.3413, 0.3291
Android (android.graphics.Color)	4294168270 (0xFFFF3CECE)
YUV	217.0630, -5.4541, 22.7467
Hunter-Lab	82.2517, 8.3487, 8.7379

Details

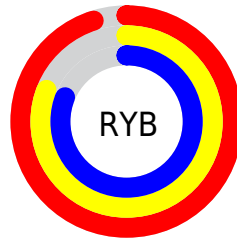
The XYZ color **70.1740, 67.6535, 67.7524** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.6813, 83.6922, 97.0654**, and the grayscale version is **66.0237, 69.4620, 75.6442**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1454, 35.1626, 34.5350** is the 20% darker color. If you saturate the color by 10%, you get **62.0434, 55.7565, 51.5864**, and if you desaturate by 10%, it is **79.6690, 81.5474, 86.6264**.

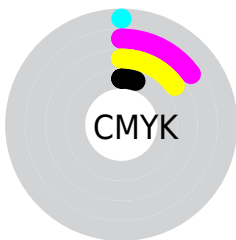
Distribution



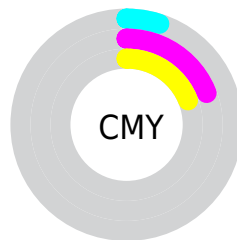
- Red (95%)
- Green (81%)
- Blue (81%)



- Red (95%)
- Yellow (81%)
- Blue (81%)



- Cyan (0%)
- Magenta (15%)
- Yellow (15%)
- Black (5%)





- Cyan (5%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1740, 67.6535, 67.7524 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 70.1740, 67.6535, 67.7524 by changing the saturation by 10% instead.


 70.1740, 67.6535,
67.7524

 70.1740, 67.6535,
67.7524

450.4176,
452.2674, 471.1925

 51.9485, 49.6159,
49.2309

118.4818,
115.8563, 117.6487

 37.1881, 35.1083,
34.4358

149.2948,
146.7903, 149.8606

 25.5275, 23.7463,
22.9485


185.0343,
182.7919, 187.4731

 16.6013, 15.1455,
14.3506

226.0657,
224.2454, 230.9046

 10.0442, 8.9216,
8.2234

272.7544,
271.5354, 280.5738

 5.4908, 4.6901,
4.1484

325.4657,

 2.5757, 2.0666,

325.0461, 336.8991

1.7071

384.5650,
385.1619, 400.2992

■ 0.9336, 0.6457,
0.3656

■ 0.0000, 0.0000,
0.0000

■ 70.1740, 67.6535,
67.7524

■ 70.1740, 67.6535,
67.7524

■ 62.0434, 55.7565,
51.5864

■ 79.6690, 81.5474,
86.6264

■ 55.2092, 45.7562,
38.0002

■ 90.5809, 97.5144,
108.3199

■ 49.6062, 37.5574,
26.8618

■ 90.7724, 97.7948,
108.6998

■ 45.1612, 31.0529,
18.0255

■ 41.7931, 26.1244,
11.3306

■ 39.4109, 22.6383,
6.5953

■ 37.9079, 20.4388,
3.6083

■ 37.1534, 19.3344,
2.1089

■ 36.9627, 19.0554,
1.7299

Harmonies

Analogous

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



70.4893, 67.6535, 76.6031



70.1740, 67.6535, 67.7524



68.2576, 67.6535, 61.0362

Triad

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



70.1740, 67.6535, 67.7524



59.7276, 67.6535, 63.1094



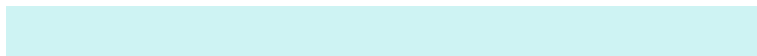
63.2947, 67.6535, 92.2116

Complementary

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



70.1740, 67.6535, 67.7524



73.6813, 83.6922, 97.0654

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.



60.5034, 67.6535, 87.9216



70.1740, 67.6535, 67.7524



58.4890, 67.6535, 70.7994

Square

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



70.1740, 67.6535, 67.7524



62.2042, 67.6535, 58.5120



58.7682, 67.6535, 79.9081



66.4477, 67.6535, 91.2271

Rectangle

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



70.1740, 67.6535, 67.7524



66.3636, 67.6535, 58.4384



58.7682, 67.6535, 79.9081



62.2847, 67.6535, 91.3261

Sweetspot

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



70.1759, 67.6565, 67.7538



89.1316, 91.3399, 97.1340



75.2118, 69.6693, 94.2780



18.9067, 19.3000, 20.4504



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

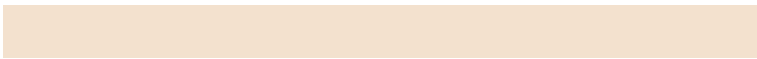
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.1759, 67.6565, 67.7538



75.5873, 71.5211, 70.2076



74.8937, 77.0922, 69.3264



16.4994, 16.4828, 17.1095



20.2864, 10.4584, 0.9495



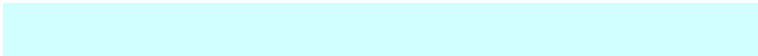
1.7830, 0.9193, 0.0835

Inverse Universe

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



73.6813, 83.6922, 97.0654



80.1311, 92.3065, 108.2013



68.4223, 73.1742, 95.3124



16.9966, 18.7575, 21.2673



26.4648, 38.7234, 52.6176



2.3261, 3.4035, 4.6246

Previews

White Background



This preview shows how the XYZ color 70.1740, 67.6535, 67.7524 looks on a white background.

Color Contrast Check

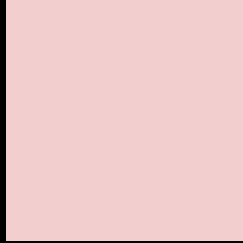
Large Text (above 18pt) WCAG AA × Fail

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 70.1740, 67.6535, 67.7524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

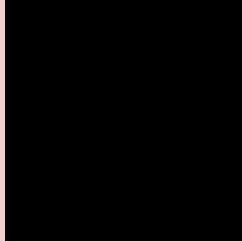
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.1740, 67.6535, 67.7524

Background



This preview shows how black text looks on a background with the XYZ color 70.1740, 67.6535, 67.7524.



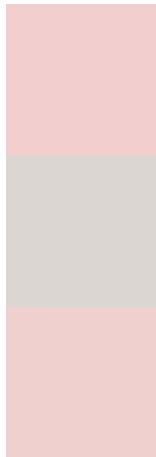
This preview shows how white text looks on a background with the XYZ color 70.1740, 67.6535,

67.7524.

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

70.1740, 67.6535, 67.7524

Protanopia

65.1946, 67.9619, 70.6546

Deuteranopia

69.2931, 67.9187, 67.8500



Tritanopia

72.1673, 67.7655, 76.9866

Trichromacy



Original Color

70.1740, 67.6535, 67.7524

Protanomaly

66.7978, 67.6860, 69.8657

Deuteranomaly

69.3886, 67.6071, 67.7848

Tritanomaly

71.4053, 67.8020, 73.6136

Monochromacy



Original Color

70.1740, 67.6535, 67.7524

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.1685, 68.5613, 72.6443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1740, 67.6535, 67.7524 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, 206, 206) looks like.

```
.text, #text, p{  
    color:rgb(243, 206, 206)  
}
```

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, 206, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 206, 206) }
```

Border

The CSS property to change the border of an element to XYZ 70.1740, 67.6535, 67.7524 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, 206, 206) }
```


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

```
.border{ border-color:rgb(243, 206, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 206, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 206, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 206, 206);  
box-shadow:4px 4px 4px 4px rgb(243, 206,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1740, 67.6535, 67.7524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 206, 206) }
```

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

```
.background{ background-color: rgb(243,  
206, 206) }
```

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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