

Converting Colors

XYZ(72.0204, 68.4622, 77.1478)

Have a look what the booklet for
XYZ(72.0204, 68.4622, 77.1478)
contains.

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Color

**XYZ(71.9517, 68.3646,
77.1136)**

Conversions

Conversions Part 1

Format	Color
Hex	F3CEDC
RGB	243, 206, 220
RGB Percent	95%, 81%, 86%
CMY	0.0471, 0.1921, 0.1372
CMYK	0.00, 0.15, 0.09, 0.05
HSL	337°, 61%, 88%
HSV	337°, 15%, 95%
XYZ	71.9517, 68.3646, 77.1136
YIQ	218.6590, 17.5580, 12.1980

Conversions

Conversions Part 2

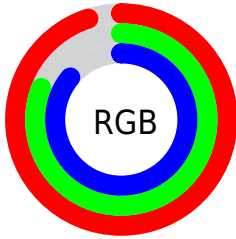
Format	Color
R _Y B	243, 206, 220
Decimal	15978204
CIE Lab	86.19, 15.22, -2.09
CIE LCh	86, 15.366, 352.196
Yxy	68.3646, 0.3309, 0.3144
Android (android.graphics.Color)	4294168284 (0xFFFF3CEDC)
YUV	218.6590, 0.6611, 21.3471
Hunter-Lab	82.6829, 10.6379, 2.5816

Details

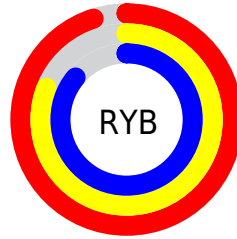
The XYZ color **71.9517, 68.3646, 77.1136** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.6497, 82.8819, 86.3541**, and the grayscale version is **67.0844, 70.5780, 76.8595**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5133, 35.7379, 40.4655** is the 20% darker color. If you saturate the color by 10%, you get **64.6369, 56.7930, 65.2462**, and if you desaturate by 10%, it is **80.3556, 81.8233, 90.2378**.

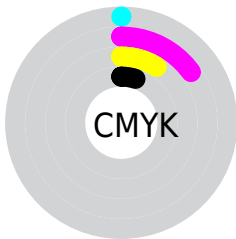
Distribution



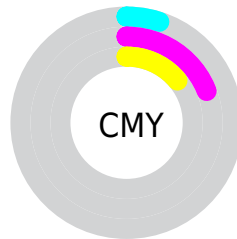
- Red (95%)
- Green (81%)
- Blue (86%)



- Red (95%)
- Yellow (81%)
- Blue (86%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (5%)



- Cyan (5%)
- Magenta (19%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9517, 68.3646, 77.1136 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 71.9517, 68.3646, 77.1136 by changing the saturation by 10% instead.

71.9517, 68.3646,
77.1136

71.9517, 68.3646,
77.1136

456.5337,
454.7867, 504.5992

53.4045, 50.1944,
56.8340

120.9990,
116.8736, 131.0743

38.3546, 35.5679,
40.4635

152.2299,
147.9812, 165.5925

26.4365, 24.1007,
27.5836

188.4194,
184.1700, 205.6939

17.2848, 15.4083,
17.7757

229.9329,
225.8245, 251.7972

10.5343, 9.1064,
10.6213

277.1357,
273.3290, 304.3208

5.8196, 4.8107,
5.7018

330.3932,

2.7753, 2.1366,

327.0679, 363.6833

2.5988

390.0708,
387.4257, 430.3033

■ 1.0361, 0.6851,
0.8918

■ 0.0000, 0.0000,
0.0000

■ 71.9517, 68.3646,
77.1136

■ 71.9517, 68.3646,
77.1136

■ 64.6369, 56.7930,
65.2462

■ 80.3556, 81.8233,
90.2378

■ 58.3592, 47.0147,
54.5922

■ 89.8861, 97.2394,
104.6515

■ 53.0709, 38.9414,
45.1122

■ 90.7725, 97.7949,
108.6998

■ 48.7182, 32.4738,
36.7625

■ 45.2419, 27.5021,
29.4965

■ 42.5755, 23.9027,
23.2638

■ 40.6421, 21.5315,
18.0087

■ 39.3483, 20.2119,
13.6680

■ 38.8912, 19.8263,
11.8862

Harmonies

Analogous

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



70.5012, 68.3646, 87.0255



71.9517, 68.3646, 77.1136



71.4808, 68.3646, 67.3195

Triad

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



71.9517, 68.3646, 77.1136



62.4431, 68.3646, 57.8212



60.8984, 68.3646, 90.9108

Complementary

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



71.9517, 68.3646, 77.1136



71.6497, 82.8819, 86.3541

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.



58.8830, 68.3646, 82.0402



71.9517, 68.3646, 77.1136



59.7520, 68.3646, 63.1258

Square

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



71.9517, 68.3646, 77.1136



65.9063, 68.3646, 56.7607



58.4711, 68.3646, 71.8239



64.0594, 68.3646, 95.4489

Rectangle

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



71.9517, 68.3646, 77.1136



70.1481, 68.3646, 62.1071



58.4711, 68.3646, 71.8239



60.0693, 68.3646, 88.3004

Sweetspot

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



71.9536, 68.3676, 77.1151



89.8664, 91.6331, 101.0056



70.5060, 67.2448, 94.0583



19.0846, 19.3711, 21.3881



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.



71.9536, 68.3676, 77.1151



77.8563, 72.4265, 82.1623



71.2299, 69.7637, 68.1077



16.7585, 16.5862, 18.4747



21.4050, 10.9055, 6.8413



1.9296, 0.9778, 0.8556

Inverse Universe

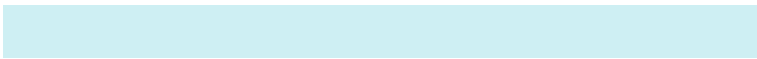
The Inverse Universe completely reimagines the original color for something new.



71.9536, 68.3676, 77.1151



77.8563, 72.4265, 82.1623



72.4073, 81.1424, 96.6406



16.7585, 16.5862, 18.4747



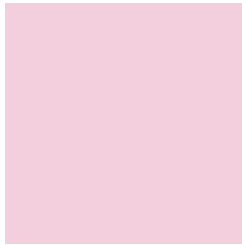
21.4050, 10.9055, 6.8413



1.9296, 0.9778, 0.8556

Previews

White Background



This preview shows how the XYZ color 71.9517, 68.3646, 77.1136 looks on a white background.

Color Contrast Check

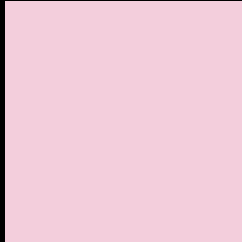
Large Text (above 18pt) WCAG AA × Fail

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 71.9517, 68.3646, 77.1136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

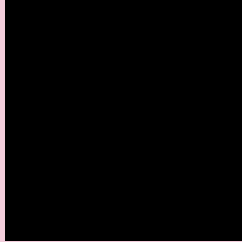
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.9517, 68.3646, 77.1136

Background



This preview shows how black text looks on a background with the XYZ color 71.9517, 68.3646, 77.1136.



This preview shows how white text looks on a background with the XYZ color 71.9517, 68.3646,

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

71.9517, 68.3646, 77.1136

Protanopia

66.5063, 68.7888, 81.0065

Deuteranopia

69.8476, 68.3776, 76.5347



Tritanopia

72.2183, 68.4712, 78.5172

Trichromacy



Original Color

71.9517, 68.3646, 77.1136

Protanomaly

68.2268, 68.5834, 79.4540

Deuteranomaly

70.6020, 68.4034, 76.4999

Tritanomaly

72.0846, 68.4178, 77.8133

Monochromacy



Original Color

71.9517, 68.3646, 77.1136

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.8277, 69.7016, 76.8440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9517, 68.3646, 77.1136 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(243, 206, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 206, 220) }
```

Border

The CSS property to change the border of an element to XYZ 71.9517, 68.3646, 77.1136 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, 220) }
```


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

```
.border{ border-color:rgb(243, 206, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 206, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 206, 220);  
box-shadow:4px 4px 4px 4px rgb(243, 206,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9517, 68.3646, 77.1136 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, 220) }
```

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

```
.background{ background-color: rgb(243,  
206, 220) }
```

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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