

Converting Colors

XYZ(71.8222, 68.8922, 82.9144)

Have a look what the booklet for
XYZ(71.8222, 68.8922, 82.9144)
contains.

XYZ(71.8194, 68.8903, 82.9107)	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(71.8194, 68.8903,
82.9107)**

Conversions

Conversions Part 1

Format	Color
Hex	EED0E4
RGB	238, 208, 228
RGB Percent	93%, 82%, 89%
CMY	0.0667, 0.1843, 0.1059
CMYK	0.00, 0.13, 0.04, 0.07
HSL	320°, 47%, 87%
HSV	320°, 13%, 93%
XYZ	71.8194, 68.8903, 82.9107
YIQ	219.2500, 11.4600, 12.5800

Conversions

Conversions Part 2

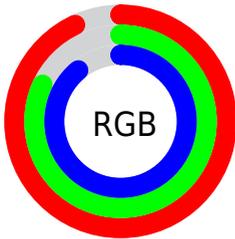
Format	Color
R _Y B	238, 208, 228
Decimal	15651044
CIE Lab	86.45, 13.82, -6.00
CIE LCh	86, 15.063, 336.543
Yxy	68.8903, 0.3212, 0.3081
Android (android.graphics.Color)	4293841124 (0xFFEED0E4)
YUV	219.2500, 4.3138, 16.4438
Hunter-Lab	83.0002, 9.2043, -1.1260

Details

The XYZ color **71.8194, 68.8903, 82.9107** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.2445, 79.6229, 78.0526**, and the grayscale version is **67.4725, 70.9864, 77.3041**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3898, 36.0734, 44.4747** is the 20% darker color. If you saturate the color by 10%, you get **65.3707, 57.7146, 75.4513**, and if you desaturate by 10%, it is **79.1933, 81.8336, 90.9296**.

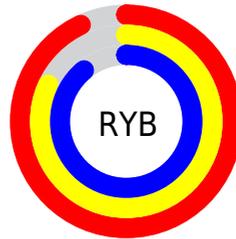
Distribution



Red (93%)

Green (82%)

Blue (89%)



Red (93%)

Yellow (82%)

Blue (89%)

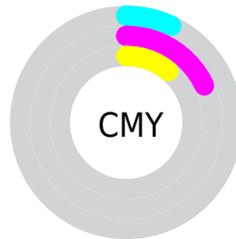


Cyan (0%)

Magenta (13%)

Yellow (4%)

Black (7%)



Cyan (7%)

Magenta (18%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8194, 68.8903, 82.9107 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 71.8194, 68.8903, 82.9107 by changing the saturation by 10% instead.

71.8194, 68.8903,
82.9107

71.8194, 68.8903,
82.9107

456.0801,
456.6440, 524.6521

53.2961, 50.6224,
61.5763

120.8119,
117.6249, 139.2985

38.2676, 35.9082,
44.2569

152.0118,
148.8603, 175.1890

26.3686, 24.3633,
30.5338

188.1680,
185.1871, 216.7686

17.2337, 15.6033,
19.9886

229.6458,
226.9895, 264.4558

10.4976, 9.2439,
12.2028

276.8106,
274.6520, 318.6692

5.7949, 4.9006,
6.7577

330.0276,

2.7602, 2.1891,

328.5590, 379.8274

3.2349

389.6624,
389.0948, 448.3488

■ 1.0283, 0.7140,
1.2158

■ 0.0000, 0.0000,
0.0000

■ 71.8194, 68.8903,
82.9107

■ 71.8194, 68.8903,
82.9107

■ 65.3707, 57.7146,
75.4513

■ 79.1933, 81.8336,
90.9296

■ 59.8019, 48.2199,
68.5305

■ 87.3299, 96.2212,
99.4546

■ 55.0729, 40.3258,
62.1323

■ 88.5602, 96.7133,
105.9333

■ 51.1376, 33.9417,
56.2381

■ 89.0704, 96.9174,
108.6202

■ 47.9458, 28.9680,
50.8275

■ 45.4409, 25.2929,
45.8781

■ 43.5581, 22.7877,
41.3645

■ 42.2188, 21.2967,
37.2568

■ 41.4887, 20.6687,
34.4477

Harmonies

Analogous

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



69.5495, 68.8903, 91.5076



71.8194, 68.8903, 82.9107



72.3633, 68.8903, 72.8442

Triad

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



71.8194, 68.8903, 82.9107



64.7175, 68.8903, 57.5144



60.2410, 68.8903, 87.0262

Complementary

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



71.8194, 68.8903, 82.9107



69.2445, 79.6229, 78.0526

Split Complementary

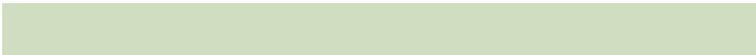
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.0443, 68.8903, 77.2180



71.8194, 68.8903, 82.9107



61.5689, 68.8903, 60.6246

Square

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



71.8194, 68.8903, 82.9107



68.1817, 68.8903, 58.7469



59.5216, 68.8903, 67.6275



62.8470, 68.8903, 94.0271

Rectangle

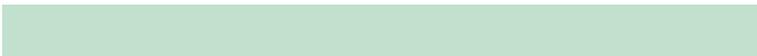
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.8194, 68.8903, 82.9107



71.6573, 68.8903, 66.7569



59.5216, 68.8903, 67.6275



59.6649, 68.8903, 83.9164

Sweetspot

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



71.8214, 68.8933, 82.9122



91.3392, 93.4468, 104.9860



66.9047, 66.1936, 90.1405



19.4053, 19.7459, 22.3164



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.



71.8214, 68.8933, 82.9122



82.0528, 77.1827, 94.7731



69.8284, 68.0961, 72.4175



16.2172, 15.9366, 18.7000



23.2086, 11.5559, 19.5471



1.9767, 0.9797, 1.8681

Inverse Universe

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



71.8214, 68.8933, 82.9122



82.0528, 77.1827, 94.7731



71.2972, 80.4440, 88.8619



16.2172, 15.9366, 18.7000



23.2086, 11.5559, 19.5471



1.9767, 0.9797, 1.8681

Previews

White Background



This preview shows how the XYZ color 71.8194, 68.8903, 82.9107 looks on a white background.

Color Contrast Check

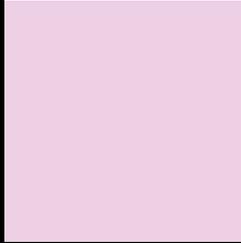
Large Text (above 18pt) WCAG AA × Fail

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 71.8194, 68.8903, 82.9107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

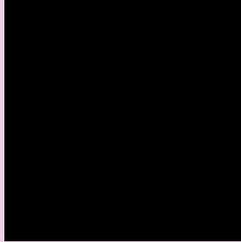
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.8194, 68.8903, 82.9107

Background



This preview shows how black text looks on a background with the XYZ color 71.8194, 68.8903, 82.9107.



This preview shows how white text looks on a background with the XYZ color 71.8194, 68.8903,

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

71.8194, 68.8903, 82.9107

Protanopia

67.1848, 69.0260, 86.1263

Deuteranopia

70.3289, 68.8504, 82.9815



Tritanopia

71.6510, 69.2143, 80.8174

Trichromacy



Original Color

71.8194, 68.8903, 82.9107

Protanomaly

68.7078, 68.7038, 85.2412

Deuteranomaly

70.7357, 68.6948, 82.9300

Tritanomaly

71.7878, 69.2691, 81.5381

Monochromacy



Original Color

71.8194, 68.8903, 82.9107

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.8493, 70.0436, 78.9983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8194, 68.8903, 82.9107 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(238, 208, 228)` looks like.

```
.text, #text, p{  
    color:rgb(238, 208, 228)  
}
```

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(238, 208, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 208, 228) }
```

Border

The CSS property to change the border of an element to XYZ 71.8194, 68.8903, 82.9107 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(238, 208, 228) }
```

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

```
.border{ border-color:rgb(238, 208, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 208, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 208, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 208, 228);  
box-shadow:4px 4px 4px 4px rgb(238, 208,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8194, 68.8903, 82.9107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 208, 228) }
```

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

```
.background{ background-color: rgb(238,  
208, 228) }
```

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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