

Converting Colors

XYZ(74.8512, 75.8763, 83.1562)

Have a look what the booklet for
XYZ(74.8512, 75.8763, 83.1562)
contains.

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Color

**XYZ(74.9115, 75.7931,
83.3543)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDEE3
RGB	237, 222, 227
RGB Percent	93%, 87%, 89%
CMY	0.0706, 0.1294, 0.1098
CMYK	0.00, 0.06, 0.04, 0.07
HSL	340°, 29%, 90%
HSV	340°, 6%, 93%
XYZ	74.9115, 75.7931, 83.3543
YIQ	227.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

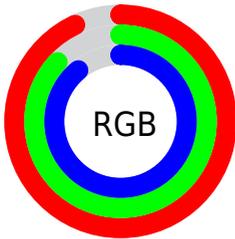
Format	Color
R _Y B	237, 222, 227
Decimal	15589091
CIE Lab	89.76, 5.98, -0.61
CIE LCh	90, 6.011, 354.193
Yxy	75.7931, 0.3201, 0.3238
Android (android.graphics.Color)	4293779171 (0xFFEDDEE3)
YUV	227.0550, -0.0271, 8.7218
Hunter-Lab	87.0592, 1.2395, 4.1746

Details

The XYZ color **74.9115, 75.7931, 83.3543** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.9768, 81.9263, 88.2097**, and the grayscale version is **73.0519, 76.8563, 83.6965**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3212, 40.4397, 44.7102** is the 20% darker color. If you saturate the color by 10%, you get **66.9721, 63.2457, 70.4355**, and if you desaturate by 10%, it is **83.9402, 90.1967, 97.6260**.

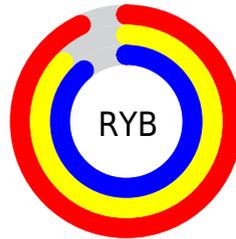
Distribution



Red (93%)

Green (87%)

Blue (89%)



Red (93%)

Yellow (87%)

Blue (89%)

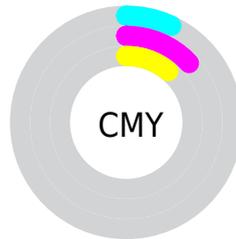


Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9115, 75.7931, 83.3543 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 74.9115, 75.7931, 83.3543 by changing the saturation by 10% instead.

74.9115, 75.7931,
83.3543

74.9115, 75.7931,
83.3543

466.6152,
480.6391, 526.1685

55.8343, 56.2629,
61.9402

125.1757,
127.4344, 139.9252

40.3066, 40.4137,
44.5489

157.0933,
160.3143, 175.9191

27.9629, 27.8613,
30.7619

194.0219,
198.4128, 217.6100

18.4380, 18.2211,
20.1607

236.3267,
242.1144, 265.4165

11.3665, 11.1088,
12.3266

284.3730,
291.8034, 319.7570

6.3830, 6.1401,
6.8413

338.5263,

3.1222, 2.9305,

347.8643, 381.0501

3.2861

399.1519,
410.6814, 449.7144

■ 1.2187, 1.0955,
1.2425

■ 0.1211, 0.0000,
0.0140

■ 74.9115, 75.7931,
83.3543

■ 74.9115, 75.7931,
83.3543

■ 66.9721, 63.2457,
70.4355

■ 83.9402, 90.1967,
97.6260

■ 60.0736, 52.4692,
58.8243

■ 88.7356, 96.7448,
108.6045

■ 54.1733, 43.3860,
48.4797

■ 49.2228, 35.9091,
39.3567

■ 45.1699, 29.9435,
31.4076

■ 41.9568, 25.3843,
24.5811

■ 39.5188, 22.1129,
18.8218

■ 37.7808, 19.9908,
14.0683

■ 36.6503, 18.8459,
10.2509

Harmonies

Analogous

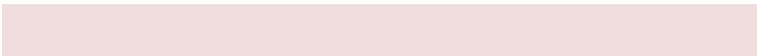
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3750, 75.7931, 87.3933



74.9115, 75.7931, 83.3543



74.6699, 75.7931, 79.2262

Triad

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



74.9115, 75.7931, 83.3543



70.8775, 75.7931, 75.3029



70.3847, 75.7931, 89.3231

Complementary

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



74.9115, 75.7931, 83.3543



74.9768, 81.9263, 88.2097

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.



69.4708, 75.7931, 85.9158



74.9115, 75.7931, 83.3543



69.7526, 75.7931, 77.8425

Square

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



74.9115, 75.7931, 83.3543



72.3278, 75.7931, 74.6697



69.2410, 75.7931, 81.7028



71.7511, 75.7931, 90.9144

Rectangle

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



74.9115, 75.7931, 83.3543



74.1017, 75.7931, 76.9664



69.2410, 75.7931, 81.7028



70.0151, 75.7931, 88.3466

Sweetspot

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



74.9136, 75.7964, 83.3559



92.9017, 96.5720, 105.5065



74.6887, 75.5163, 90.7616



19.9073, 20.7063, 22.6184



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.



74.9136, 75.7964, 83.3559



86.7704, 86.8225, 95.7150



74.9027, 76.8621, 79.9992



15.2724, 15.1368, 16.7200



19.8918, 10.1594, 5.2317



1.6052, 0.8150, 0.6382

Inverse Universe

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



74.9136, 75.7964, 83.3559



86.7704, 86.8225, 95.7150



74.9782, 80.7770, 91.7617



15.2724, 15.1368, 16.7200



19.8918, 10.1594, 5.2317



1.6052, 0.8150, 0.6382

Previews

White Background



This preview shows how the XYZ color 74.9115, 75.7931, 83.3543 looks on a white background.

Color Contrast Check

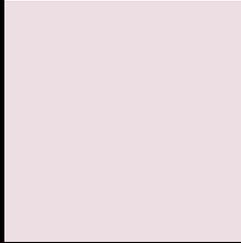
Large Text (above 18pt) WCAG AA × Fail

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 74.9115, 75.7931, 83.3543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

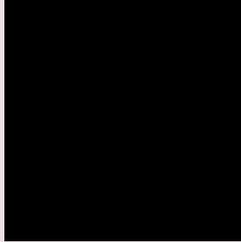
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

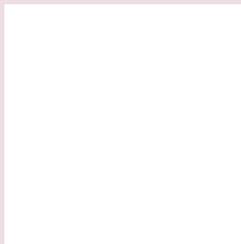
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9115, 75.7931, 83.3543

Background



This preview shows how black text looks on a background with the XYZ color 74.9115, 75.7931, 83.3543.



This preview shows how white text looks on a background with the XYZ color 74.9115, 75.7931,

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

74.9115, 75.7931, 83.3543

Protanopia

73.2419, 76.1099, 84.2292

Deuteranopia

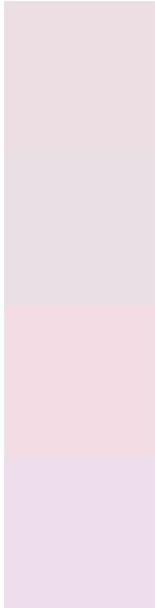
77.3411, 75.8573, 83.9644



Tritanopia

76.6224, 75.7102, 91.4640

Trichromacy



Original Color

74.9115, 75.7931, 83.3543

Protanomaly

73.9380, 76.0686, 84.1845

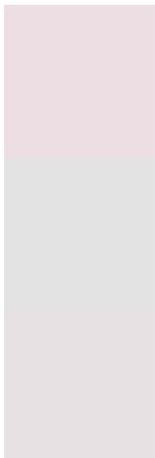
Deuteranomaly

76.5589, 75.8425, 84.0028

Tritanomaly

75.9676, 75.8306, 88.4747

Monochromacy



Original Color

74.9115, 75.7931, 83.3543

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.7453, 76.3854, 83.5301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9115, 75.7931, 83.3543 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(237, 222, 227) looks like.

```
.text, #text, p{  
    color:rgb(237, 222, 227)  
}
```

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(237, 222, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 222, 227) }
```

Border

The CSS property to change the border of an element to XYZ 74.9115, 75.7931, 83.3543 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(237, 222, 227) }
```

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

```
.border{ border-color:rgb(237, 222, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 222, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 222, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 222, 227);  
box-shadow:4px 4px 4px 4px rgb(237, 222,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9115, 75.7931, 83.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 222, 227) }
```

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

```
.background{ background-color: rgb(237,  
222, 227) }
```

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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