

Converting Colors

XYZ(75.2737, 75.1831, 89.0001)

Have a look what the booklet for
XYZ(75.2737, 75.1831, 89.0001)
contains.

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Color

**XYZ(75.1807, 75.0174,
89.1146)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDCEB
RGB	236, 220, 235
RGB Percent	93%, 86%, 92%
CMY	0.0745, 0.1372, 0.0784
CMYK	0.00, 0.07, 0.00, 0.07
HSL	304°, 30%, 89%
HSV	304°, 7%, 93%
XYZ	75.1807, 75.0174, 89.1146
YIQ	226.4940, 4.7210, 8.0570

Conversions

Conversions Part 2

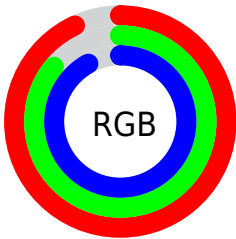
Format	Color
R _Y B	236, 220, 235
Decimal	15523051
CIE Lab	89.40, 8.09, -5.35
CIE LCh	89, 9.704, 326.517
Yxy	75.0174, 0.3142, 0.3135
Android (android.graphics.Color)	4293713131 (0xFFECDCEB)
YUV	226.4940, 4.1935, 8.3368
Hunter-Lab	86.6126, 3.3680, -0.3739

Details

The XYZ color **75.1807, 75.0174, 89.1146** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.5647, 80.4291, 80.1104**, and the grayscale version is **72.6163, 76.3980, 83.1975**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4142, 39.8682, 48.2131** is the 20% darker color. If you saturate the color by 10%, you get **69.2073, 63.4094, 86.0767**, and if you desaturate by 10%, it is **82.0345, 88.3813, 92.4565**.

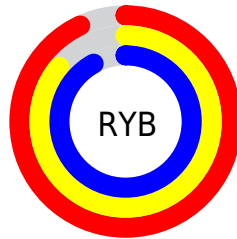
Distribution



Red (93%)

Green (86%)

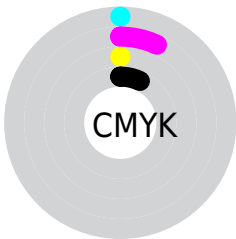
Blue (92%)



Red (93%)

Yellow (86%)

Blue (92%)

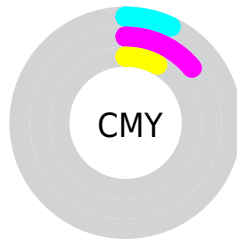


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (7%)



Cyan (7%)

Magenta (14%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1807, 75.0174, 89.1146 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 75.1807, 75.0174, 89.1146 by changing the saturation by 10% instead.

75.1807, 75.0174,
89.1146

75.1807, 75.0174,
89.1146

467.5260,
477.9774, 545.6421

56.0556, 55.6271,
66.6770

125.5547,
126.3370, 148.0327

40.4847, 39.9041,
48.3622

157.5343,
159.0351, 185.3502

28.1026, 27.4638,
33.7518

194.5294,
196.9380, 228.4647

18.5438, 17.9218,
22.4272

236.9055,
240.4300, 277.7949

11.4432, 10.8939,
13.9698

285.0278,
289.8956, 333.7591

6.4352, 5.9955,
7.9612

339.2618,

3.1546, 2.8424,

345.7190, 396.7761

3.9827

399.9728,
408.2848, 467.2642

■ 1.2361, 1.0500,
1.6158

■ 0.1346, 0.0000,
0.3021

■ 75.1807, 75.0174,
89.1146

■ 75.1807, 75.0174,
89.1146

■ 69.2073, 63.4094,
86.0767

■ 82.0345, 88.3813,
92.4565

■ 64.0714, 53.4746,
83.3258

■ 85.7783, 95.5234,
94.7696

■ 59.7363, 45.1384,
80.8505

■ 85.9961, 95.6105,
95.9160

■ 56.1597, 38.3166,
78.6367

■ 86.2156, 95.6983,
97.0719

53.2957, 32.9173,
76.6691

86.4368, 95.7868,
98.2371

51.0935, 28.8386,
74.9307

86.6599, 95.8761,
99.4118

49.4953, 25.9653,
73.4023

86.8848, 95.9660,
100.5959

48.4336, 24.1621,
72.0613

87.1114, 96.0567,
101.7896

47.8224, 23.2571,
70.8789

87.3399, 96.1481,
102.9926

Harmonies

Analogous

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



73.3611, 75.0174, 93.9577



75.1807, 75.0174, 89.1146



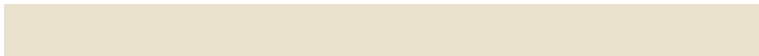
75.9601, 75.0174, 82.4787

Triad

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



75.1807, 75.0174, 89.1146



71.5797, 75.0174, 69.3044



67.2913, 75.0174, 87.6635

Complementary

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



75.1807, 75.0174, 89.1146



72.5647, 80.4291, 80.1104

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.



66.8380, 75.0174, 80.8889



75.1807, 75.0174, 89.1146



69.2814, 75.0174, 70.5235

Square

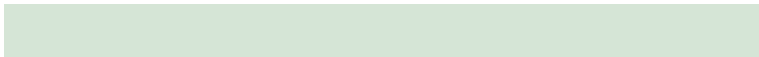
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1807, 75.0174, 89.1146



73.8522, 75.0174, 71.2467



67.5586, 75.0174, 74.6731



68.8108, 75.0174, 93.0878

Rectangle

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



75.1807, 75.0174, 89.1146



75.7724, 75.0174, 78.0173



67.5586, 75.0174, 74.6731



67.0106, 75.0174, 85.4580

Sweetspot

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



75.1829, 75.0206, 89.1162



93.3932, 96.7686, 108.0947



70.4947, 72.5871, 89.6534



20.0073, 20.7463, 23.1452



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.



75.1829, 75.0206, 89.1162



88.6792, 87.5860, 105.7665



74.0805, 74.5797, 83.3114



15.6718, 15.2966, 18.8228



26.2978, 12.7218, 38.9653



2.0774, 1.0039, 3.1247

Inverse Universe

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



75.1829, 75.0206, 89.1162



88.6792, 87.5860, 105.7665



73.6282, 80.8545, 85.7108



15.6718, 15.2966, 18.8228



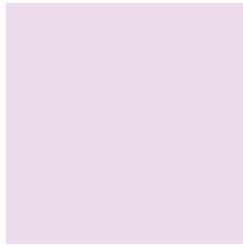
26.2978, 12.7218, 38.9653



2.0774, 1.0039, 3.1247

Previews

White Background



This preview shows how the XYZ color 75.1807, 75.0174, 89.1146 looks on a white background.

Color Contrast Check

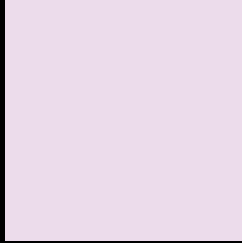
Large Text (above 18pt) WCAG AA × Fail

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 75.1807, 75.0174, 89.1146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

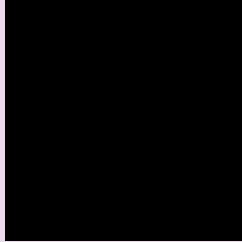
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

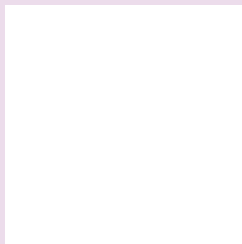
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1807, 75.0174, 89.1146

Background



This preview shows how black text looks on a background with the XYZ color 75.1807, 75.0174, 89.1146.

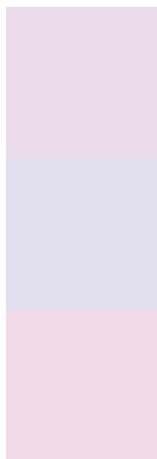


This preview shows how white text looks on a background with the XYZ color 75.1807, 75.0174,

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

75.1807, 75.0174, 89.1146

Protanopia

72.7251, 74.8973, 90.7444

Deuteranopia

76.6847, 75.0182, 89.0355



Tritanopia

75.4713, 75.1337, 90.6452

Trichromacy



Original Color

75.1807, 75.0174, 89.1146

Protanomaly

73.5747, 74.9567, 89.9472

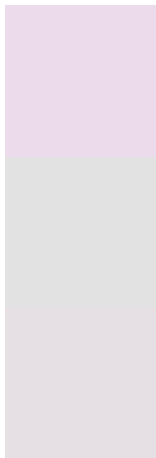
Deuteranomaly

76.2621, 75.1865, 89.0903

Tritanomaly

75.3256, 75.0754, 89.8778

Monochromacy



Original Color

75.1807, 75.0174, 89.1146

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.4316, 75.7914, 84.8877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1807, 75.0174, 89.1146 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(236, 220, 235) looks like.

```
.text, #text, p{  
    color:rgb(236, 220, 235)  
}
```

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(236, 220, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 220, 235) }
```

Border

The CSS property to change the border of an element to XYZ 75.1807, 75.0174, 89.1146 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(236, 220, 235) }
```


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

```
.border{ border-color:rgb(236, 220, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 220, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 220, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 220, 235);  
box-shadow:4px 4px 4px 4px rgb(236, 220,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1807, 75.0174, 89.1146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 220, 235) }
```

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

```
.background{ background-color: rgb(236,  
220, 235) }
```

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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