

Converting Colors

XYZ(75.0992, 75.4403, 87.9537)

Have a look what the booklet for
XYZ(75.0992, 75.4403, 87.9537)
contains.

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Color

**XYZ(75.1565, 75.4290,
87.6889)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDDE9
RGB	236, 221, 233
RGB Percent	93%, 87%, 91%
CMY	0.0745, 0.1333, 0.0863
CMYK	0.00, 0.06, 0.01, 0.07
HSL	312°, 28%, 90%
HSV	312°, 6%, 93%
XYZ	75.1565, 75.4290, 87.6889
YIQ	226.8530, 5.0880, 6.9120

Conversions

Conversions Part 2

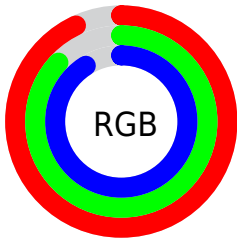
Format	Color
R _Y B	236, 221, 233
Decimal	15523305
CIE Lab	89.59, 7.21, -4.02
CIE LCh	90, 8.258, 330.881
Yxy	75.4290, 0.3154, 0.3166
Android (android.graphics.Color)	4293713385 (0xFFECDDE9)
YUV	226.8530, 3.0305, 8.0219
Hunter-Lab	86.8499, 2.4797, 0.9321

Details

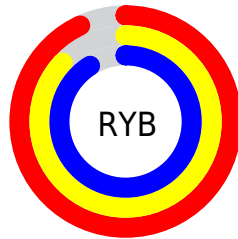
The XYZ color **75.1565, 75.4290, 87.6889** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.2716, 80.7469, 82.2488**, and the grayscale version is **72.8848, 76.6805, 83.5051**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3944, 40.1501, 47.2157** is the 20% darker color. If you saturate the color by 10%, you get **68.6935, 63.5670, 82.2522**, and if you desaturate by 10%, it is **82.5177, 89.0564, 93.5159**.

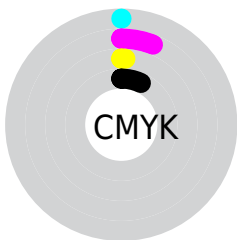
Distribution



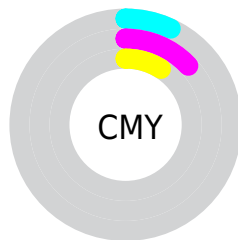
- Red (93%)
- Green (87%)
- Blue (91%)



- Red (93%)
- Yellow (87%)
- Blue (91%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (7%)





- Cyan (7%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.1565, 75.4290, 87.6889 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 75.1565, 75.4290, 87.6889 by changing the saturation by 10% instead.


 75.1565, 75.4290,
87.6889

 75.1565, 75.4290,
87.6889


467.4442,
479.3908, 540.8588

 56.0357, 55.9644,
65.5026


125.5206,
126.9194, 146.0313

 40.4687, 40.1744,
47.4148


157.4946,
159.7141, 183.0244

 28.0900, 27.6745,
33.0070


194.4838,
197.7209, 225.7903

 18.5343, 18.0805,
21.8606

236.8535,
241.3242, 274.7474

 11.4363, 11.0078,
13.5572

284.9690,
290.9085, 330.3142

 6.4305, 6.0721,
7.6781

339.1957,

 3.1517, 2.8890,

346.8581, 392.9094

3.8049

399.8990,
409.5574, 462.9514

■ 1.2345, 1.0740,
1.5189

■ 0.1333, 0.0000,
0.2320

■ 75.1565, 75.4290,
87.6889

■ 75.1565, 75.4290,
87.6889

■ 68.6935, 63.5670,
82.2522

■ 82.5177, 89.0564,
93.5159

■ 63.0858, 53.3880,
77.1880

■ 86.4463, 95.7906,
98.2875

■ 58.2965, 44.8173,
72.4842

■ 87.1665, 96.0787,
102.0800

■ 54.2835, 37.7711,
68.1262

■ 87.9052, 96.3742,
105.9698

■ 51.0010, 32.1577,
64.0979

■ 88.4025, 96.5731,
108.5889

■ 48.3980, 27.8757,
60.3817

■ 46.4172, 24.8105,
56.9576

■ 44.9912, 22.8278,
53.8026

■ 44.0362, 21.7600,
50.8879

Harmonies

Analogous

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



73.7146, 75.4290, 92.0994



75.1565, 75.4290, 87.6889



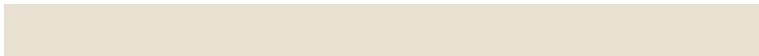
75.6662, 75.4290, 81.9576

Triad

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



75.1565, 75.4290, 87.6889



71.6330, 75.4290, 71.4537



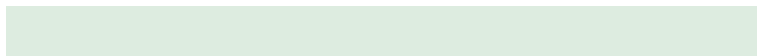
68.3957, 75.4290, 88.0002

Complementary

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



75.1565, 75.4290, 87.6889



73.2716, 80.7469, 82.2488

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.



67.8614, 75.4290, 82.3013



75.1565, 75.4290, 87.6889



69.7087, 75.4290, 72.9061

Square

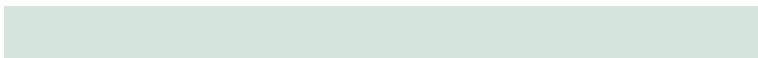
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1565, 75.4290, 87.6889



73.6088, 75.4290, 72.7475



68.3376, 75.4290, 76.8099



69.8107, 75.4290, 92.2850

Rectangle

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



75.1565, 75.4290, 87.6889



75.4013, 75.4290, 78.2099



68.3376, 75.4290, 76.8099



68.1084, 75.4290, 86.1776

Sweetspot

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



75.1587, 75.4323, 87.6905



93.2807, 96.7235, 107.5020



71.7404, 73.6201, 89.7869



19.9844, 20.7371, 23.0246



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.



75.1587, 75.4323, 87.6905



88.2338, 87.4078, 103.4209



74.1100, 75.0128, 82.1683



15.5782, 15.2591, 18.3299



24.1656, 11.8689, 27.7373



1.9303, 0.9451, 2.3506

Inverse Universe

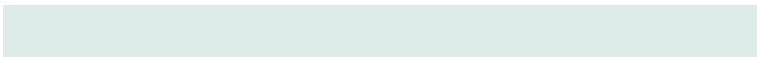
The Inverse Universe completely reimagines the original color for something new.



75.1587, 75.4323, 87.6905



88.2338, 87.4078, 103.4209



74.3113, 81.1627, 87.7234



15.5782, 15.2591, 18.3299



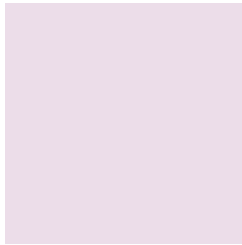
24.1656, 11.8689, 27.7373



1.9303, 0.9451, 2.3506

Previews

White Background



This preview shows how the XYZ color 75.1565, 75.4290, 87.6889 looks on a white background.

Color Contrast Check

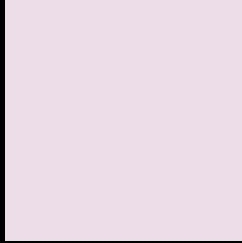
Large Text (above 18pt) WCAG AA × Fail

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 75.1565, 75.4290, 87.6889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

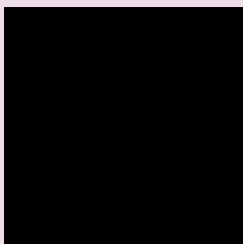
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

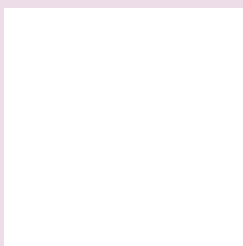
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1565, 75.4290, 87.6889

Background



This preview shows how black text looks on a background with the XYZ color 75.1565, 75.4290, 87.6889.



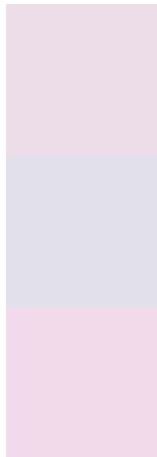
This preview shows how white text looks on a background with the XYZ color 75.1565, 75.4290,

87.6889.

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

75.1565, 75.4290, 87.6889

Protanopia

73.0151, 75.4782, 89.3177

Deuteranopia

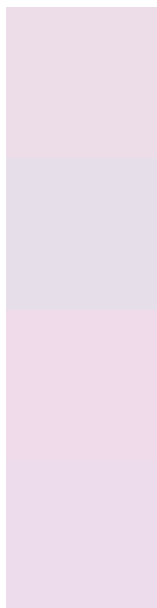
76.8848, 75.1380, 88.2927



Tritanopia

75.9509, 75.3640, 91.4326

Trichromacy



Original Color

75.1565, 75.4290, 87.6889

Protanomaly

73.8721, 75.5389, 88.5289

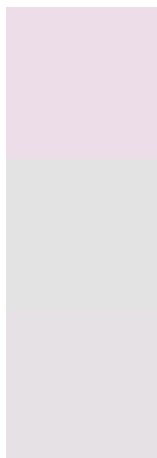
Deuteranomaly

76.1180, 75.1288, 88.3314

Tritanomaly

75.6586, 75.2471, 89.8934

Monochromacy



Original Color

75.1565, 75.4290, 87.6889

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.7012, 76.3306, 84.9775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1565, 75.4290, 87.6889 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, 221, 233) looks like.

```
.text, #text, p{  
    color:rgb(236, 221, 233)  
}
```

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, 221, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 221, 233) }
```

Border

The CSS property to change the border of an element to XYZ 75.1565, 75.4290, 87.6889 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, 221, 233) }
```


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

```
.border{ border-color:rgb(236, 221, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 221, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 221, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 221, 233);  
box-shadow:4px 4px 4px 4px rgb(236, 221,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1565, 75.4290, 87.6889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 221, 233) }
```

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

```
.background{ background-color: rgb(236,  
221, 233) }
```

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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