

Converting Colors

XYZ(76.2419, 75.5643, 89.4682)

Have a look what the booklet for
XYZ(76.2419, 75.5643, 89.4682)
contains.

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Color

**XYZ(76.1852, 75.5353,
89.1616)**

Conversions

Conversions Part 1

Format	Color
Hex	EFDCEB
RGB	239, 220, 235
RGB Percent	94%, 86%, 92%
CMY	0.0627, 0.1372, 0.0784
CMYK	0.00, 0.08, 0.02, 0.06
HSL	313°, 37%, 90%
HSV	313°, 8%, 94%
XYZ	76.1852, 75.5353, 89.1616
YIQ	227.3910, 6.5090, 8.6930

Conversions

Conversions Part 2

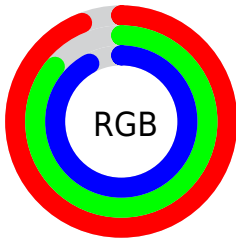
Format	Color
R _Y B	239, 220, 235
Decimal	15719659
CIE Lab	89.64, 9.10, -4.97
CIE LCh	90, 10.369, 331.365
Yxy	75.5353, 0.3163, 0.3136
Android (android.graphics.Color)	4293909739 (0xFFEFDCEB)
YUV	227.3910, 3.7512, 10.1811
Hunter-Lab	86.9110, 4.3767, 0.0124

Details

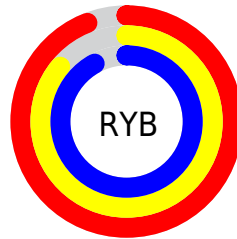
The XYZ color **76.1852, 75.5353, 89.1616** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.8392, 82.3325, 82.5251**, and the grayscale version is **73.2703, 77.0861, 83.9468**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1203, 40.2322, 48.2461** is the 20% darker color. If you saturate the color by 10%, you get **69.6394, 63.5898, 83.4435**, and if you desaturate by 10%, it is **83.6527, 89.2890, 95.2902**.

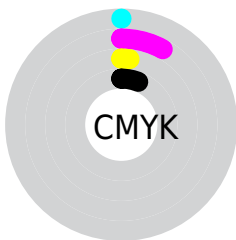
Distribution



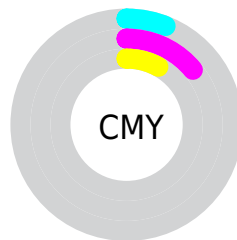
- Red (94%)
- Green (86%)
- Blue (92%)



- Red (94%)
- Yellow (86%)
- Blue (92%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (6%)



- Cyan (6%)
- Magenta (14%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1852, 75.5353, 89.1616 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 76.1852, 75.5353, 89.1616 by changing the saturation by 10% instead.

76.1852, 75.5353,
89.1616

76.1852, 75.5353,
89.1616

470.9161,
479.7555, 545.7994

56.8820, 56.0515,
66.7157

126.9676,
127.0698, 148.0986

41.1503, 40.2442,
48.3935

159.1775,
159.8894, 185.4268

28.6247, 27.7290,
33.7764

196.4204,
197.9229, 228.5528

18.9399, 18.1215,
22.4459

239.0615,
241.5550, 277.8952

11.7306, 11.0373,
13.9835

287.4663,
291.1699, 333.8725

6.6314, 6.0919,
7.9705

342.0001,

3.2770, 2.9010,

347.1520, 396.9033

3.9886

403.0282,
409.8857, 467.4060

■ 1.3019, 1.0803,
1.6191

■ 0.1846, 0.0000,
0.3044

■ 76.1852, 75.5353,
89.1616

■ 76.1852, 75.5353,
89.1616

■ 69.6394, 63.5898,
83.4435

■ 83.6527, 89.2890,
95.2902

■ 63.9706, 53.3670,
78.1176

■ 87.8488, 96.4676,
100.4298

■ 59.1404, 44.7888,
73.1710

■ 88.6281, 96.7794,
104.5336

■ 55.1047, 37.7676,
68.5882

■ 89.4071, 97.0910,
108.6359

■ 51.8155, 32.2075,
64.3524

■ 49.2193, 28.0019,
60.4449

■ 47.2555, 25.0298,
56.8446

■ 45.8525, 23.1485,
53.5267

■ 44.9125, 22.1623,
50.4578

Harmonies

Analogous

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



74.3771, 75.5353, 94.8309



76.1852, 75.5353, 89.1616



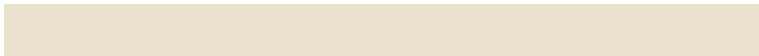
76.8095, 75.5353, 81.9110

Triad

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



76.1852, 75.5353, 89.1616



71.6773, 75.5353, 68.9872



67.6872, 75.5353, 89.7746

Complementary

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



76.1852, 75.5353, 89.1616



73.8392, 82.3325, 82.5251

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.



67.0018, 75.5353, 82.5801



76.1852, 75.5353, 89.1616



69.2715, 75.5353, 70.8253

Square

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



76.1852, 75.5353, 89.1616



74.1701, 75.5353, 70.5229



67.5749, 75.5353, 75.6959



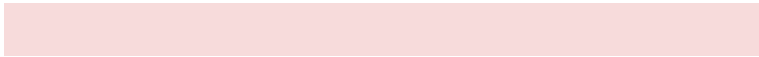
69.4693, 75.5353, 95.1993

Rectangle

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



76.1852, 75.5353, 89.1616



76.4590, 75.5353, 77.2335



67.5749, 75.5353, 75.6959



67.3228, 75.5353, 87.4690

Sweetspot

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



76.1874, 75.5386, 89.1632



93.2721, 96.7201, 107.4567



71.8549, 73.2376, 92.0116



19.9827, 20.7364, 23.0154



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

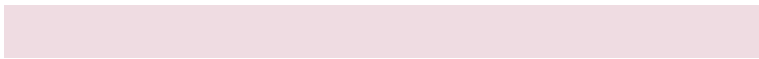
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.1874, 75.5386, 89.1632



86.5953, 84.4547, 101.8762



74.8787, 75.0151, 82.2718



16.3034, 15.9711, 19.1538



24.7776, 12.1835, 27.8089



2.0965, 1.0277, 2.4991

Inverse Universe

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



76.1874, 75.5386, 89.1632



86.5953, 84.4547, 101.8762



75.1351, 82.8509, 89.3495



16.3034, 15.9711, 19.1538



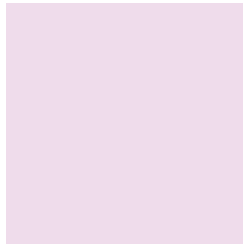
24.7776, 12.1835, 27.8089



2.0965, 1.0277, 2.4991

Previews

White Background



This preview shows how the XYZ color 76.1852, 75.5353, 89.1616 looks on a white background.

Color Contrast Check

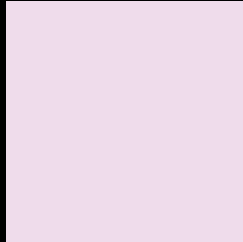
Large Text (above 18pt) WCAG AA × Fail

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 76.1852, 75.5353, 89.1616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

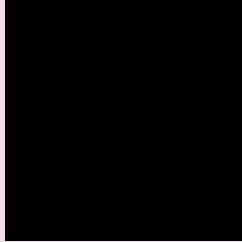
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.1852, 75.5353, 89.1616

Background



This preview shows how black text looks on a background with the XYZ color 76.1852, 75.5353, 89.1616.

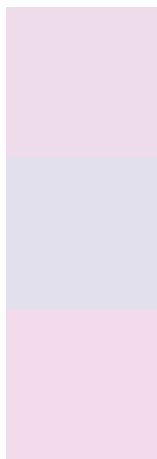


This preview shows how white text looks on a background with the XYZ color 76.1852, 75.5353,

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

76.1852, 75.5353, 89.1616

Protanopia

73.3057, 75.5945, 90.8483

Deuteranopia

77.2891, 75.7159, 89.1383



Tritanopia

76.4759, 75.6515, 90.6923

Trichromacy



Original Color

76.1852, 75.5353, 89.1616

Protanomaly

74.4830, 75.8204, 90.0660

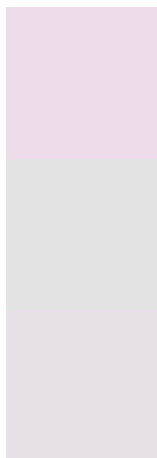
Deuteranomaly

76.9449, 75.5384, 89.1222

Tritanomaly

76.3301, 75.5933, 89.9248

Monochromacy



Original Color

76.1852, 75.5353, 89.1616

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.8936, 76.0134, 85.6404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1852, 75.5353, 89.1616 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(239, 220, 235)` looks like.

```
.text, #text, p{  
    color:rgb(239, 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(239, 220, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 220, 235) }
```

Border

The CSS property to change the border of an element to XYZ 76.1852, 75.5353, 89.1616 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(239, 220, 235) }
```


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

```
.border{ border-color:rgb(239, 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(239, 220, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 220, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 220, 235);  
box-shadow:4px 4px 4px 4px rgb(239, 220,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1852, 75.5353, 89.1616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 220, 235) }
```

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

```
.background{ background-color: rgb(239,  
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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