

Converting Colors

XYZ(75.6184, 79.0252, 88.2976)

Have a look what the booklet for
XYZ(75.6184, 79.0252, 88.2976)
contains.

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Color

**XYZ(75.6823, 78.9107,
88.3332)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E5E9
RGB	231, 229, 233
RGB Percent	91%, 90%, 91%
CMY	0.0941, 0.1019, 0.0863
CMYK	0.01, 0.02, 0.00, 0.09
HSL	270°, 8%, 91%
HSV	270°, 2%, 91%
XYZ	75.6823, 78.9107, 88.3332
YIQ	230.0540, -0.0920, 1.6680

Conversions

Conversions Part 2

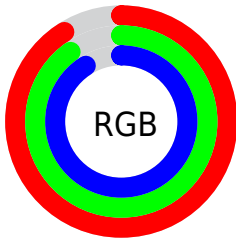
Format	Color
R _Y B	231, 229, 233
Decimal	15197673
CIE Lab	91.19, 1.39, -1.71
CIE LCh	91, 2.208, 309.085
Yxy	78.9107, 0.3115, 0.3248
Android (android.graphics.Color)	4293387753 (0xFFE7E5E9)
YUV	230.0540, 1.4524, 0.8296
Hunter-Lab	88.8317, -3.3781, 3.2249

Details

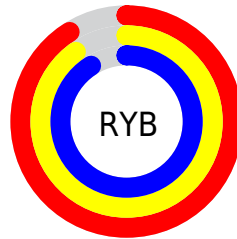
The XYZ color **75.6823, 78.9107, 88.3332** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **76.2397, 80.9260, 85.7347**, and the grayscale version is **75.2453, 79.1639, 86.2095**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7511, 42.5604, 47.6621** is the 20% darker color. If you saturate the color by 10%, you get **66.0248, 64.9971, 86.1578**, and if you desaturate by 10%, it is **86.4603, 94.6908, 90.8122**.

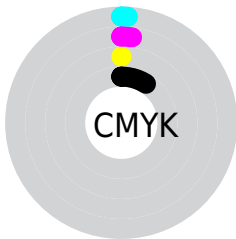
Distribution



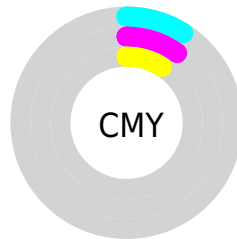
- Red (91%)
- Green (90%)
- Blue (91%)



- Red (91%)
- Yellow (90%)
- Blue (91%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6823, 78.9107, 88.3332 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 75.6823, 78.9107, 88.3332 by changing the saturation by 10% instead.

■ 75.6823, 78.9107,
88.3332

■ 75.6823, 78.9107,
88.3332

469.2206,
491.2542, 543.0233

■ 56.4682, 58.8224,
66.0331

126.2605,
131.8331, 146.9362

■ 40.8169, 42.4702,
47.8427

158.3552,
165.4361, 184.0762

■ 28.3631, 29.4696,
33.3432

195.4742,
204.3126, 226.9999

■ 18.7414, 19.4364,
22.1162

237.9829,
248.8473, 276.1259

■ 11.5864, 11.9860,
13.7432

286.2465,
299.4243, 331.8727

■ 6.5329, 6.7342,
7.8056

340.6304,

■ 3.2155, 3.2964,

356.4283, 394.6588

3.8848

401.5000,
420.2434, 464.9029

■ 1.2687, 1.2884,
1.5624

■ 0.1596, 0.1322,
0.2637

■ 75.6823, 78.9107,
88.3332

■ 75.6823, 78.9107,
88.3332

■ 66.0248, 64.9971,
86.1578

■ 86.4603, 94.6908,
90.8122

■ 57.4420, 52.8690,
84.2692

■ 91.4595, 98.5350,
91.2907

■ 49.8946, 42.4541,
82.6567

■ 91.7082, 98.6633,
91.3024

■ 43.3383, 33.6715,
81.3070

■ 37.7253, 26.4333,
80.2058

■ 33.0034, 20.6432,
79.3370

■ 29.1144, 16.1937,
78.6832

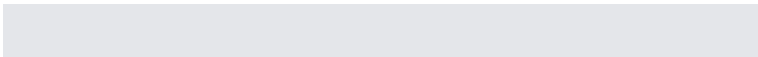
■ 25.9923, 12.9616,
78.2239

■ 23.5589, 10.7994,
77.9348

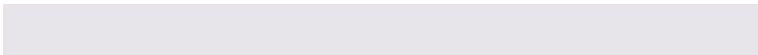
Harmonies

Analogous

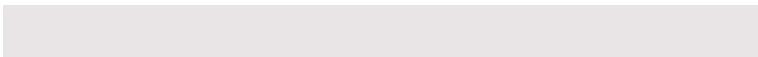
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1722, 78.9107, 88.9976



75.6823, 78.9107, 88.3332



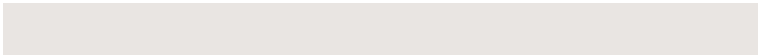
76.0113, 78.9107, 87.0245

Triad

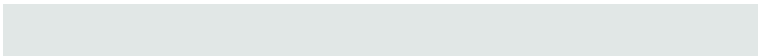
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6823, 78.9107, 88.3332



75.3868, 78.9107, 83.0754



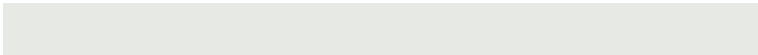
73.9454, 78.9107, 86.4075

Complementary

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



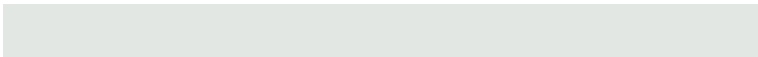
75.6823, 78.9107, 88.3332



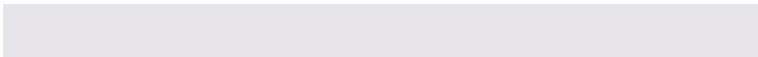
76.2397, 80.9260, 85.7347

Split Complementary

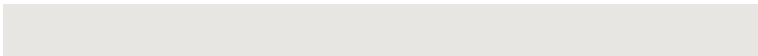
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.0022, 78.9107, 84.8256



75.6823, 78.9107, 88.3332



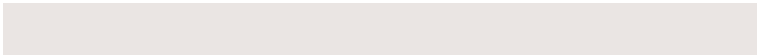
74.8326, 78.9107, 82.9149

Square

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



75.6823, 78.9107, 88.3332



75.8401, 78.9107, 83.9932



74.3263, 78.9107, 83.5518



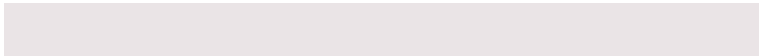
74.1706, 78.9107, 87.8767

Rectangle

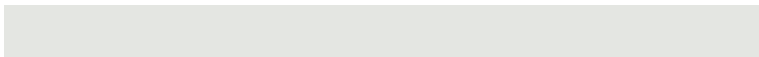
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



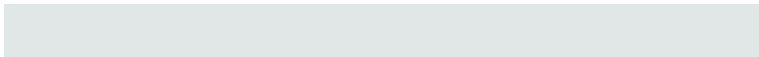
75.6823, 78.9107, 88.3332



76.0827, 78.9107, 85.9695



74.3263, 78.9107, 83.5518



73.9321, 78.9107, 85.8711

Sweetspot

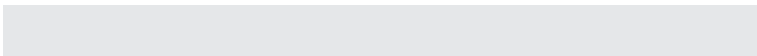
The Sweet Spot groups the original color and five complimentary colors.



75.6845, 78.9141, 88.3349



93.7740, 98.1426, 108.6087



75.6186, 79.7332, 88.4965



20.0849, 21.0261, 23.2498



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.



75.6845, 78.9141, 88.3349



92.5118, 96.3082, 108.3212



76.3121, 79.2376, 88.3643



16.5733, 17.2640, 19.3810



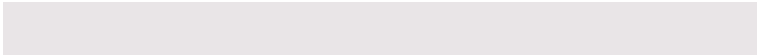
12.6054, 5.5342, 44.1468



1.1008, 0.4918, 3.4718

Inverse Universe

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



76.0501, 79.1353, 86.8716



93.0370, 96.6261, 106.2188



75.6190, 80.6060, 85.7056



16.6618, 17.3176, 19.0265



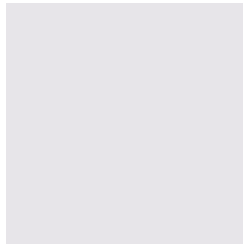
20.9392, 10.5784, 10.7469



1.6928, 0.8501, 1.0996

Previews

White Background



This preview shows how the XYZ color 75.6823, 78.9107, 88.3332 looks on a white background.

Color Contrast Check

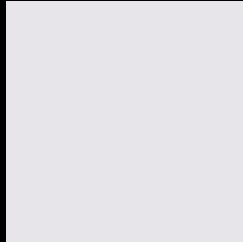
Large Text (above 18pt) WCAG AA × Fail

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 75.6823, 78.9107, 88.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

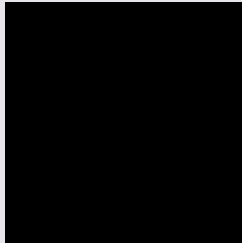
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

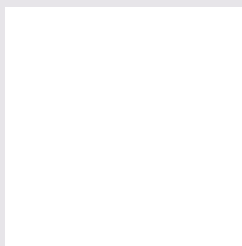
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.6823, 78.9107, 88.3332

Background



This preview shows how black text looks on a background with the XYZ color 75.6823, 78.9107, 88.3332.



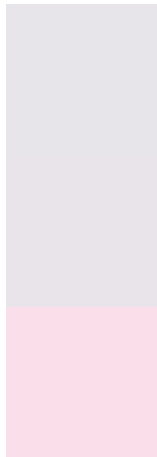
This preview shows how white text looks on a background with the XYZ color 75.6823, 78.9107,

88.3332.

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

75.6823, 78.9107, 88.3332

Protanopia

76.0557, 78.6936, 88.2716

Deuteranopia

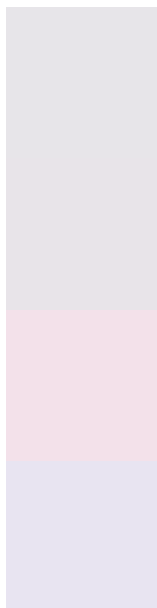
80.6633, 79.0399, 88.8467



Tritanopia

77.5548, 78.8544, 97.5190

Trichromacy



Original Color

75.6823, 78.9107, 88.3332

Protanomaly

75.7301, 78.5258, 88.2564

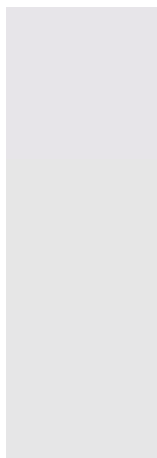
Deuteranomaly

78.7386, 78.8456, 88.9107

Tritanomaly

76.8993, 78.9935, 94.4133

Monochromacy



Original Color

75.6823, 78.9107, 88.3332

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.3537, 79.1861, 86.9142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6823, 78.9107, 88.3332 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(231, 229, 233) looks like.

```
.text, #text, p{  
    color:rgb(231, 229, 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(231, 229, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 229, 233) }
```

Border

The CSS property to change the border of an element to XYZ 75.6823, 78.9107, 88.3332 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(231, 229, 233) }
```


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

```
.border{ border-color:rgb(231, 229, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 229, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 229, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 229, 233);  
box-shadow:4px 4px 4px 4px rgb(231, 229,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6823, 78.9107, 88.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 229, 233) }
```

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

```
.background{ background-color: rgb(231,  
229, 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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