

Converting Colors

XYZ(76.6095, 82.6152, 88.9435)

Have a look what the booklet for
XYZ(76.6095, 82.6152, 88.9435)
contains.

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Color

**XYZ(76.6707, 82.7825,
89.0284)**

Conversions

Conversions Part 1

Format	Color
Hex	E3EDE9
RGB	227, 237, 233
RGB Percent	89%, 93%, 91%
CMY	0.1098, 0.0706, 0.0863
CMYK	0.04, 0.00, 0.02, 0.07
HSL	156°, 22%, 91%
HSV	156°, 4%, 93%
XYZ	76.6707, 82.7825, 89.0284
YIQ	233.5540, -4.6760, -3.3640

Conversions

Conversions Part 2

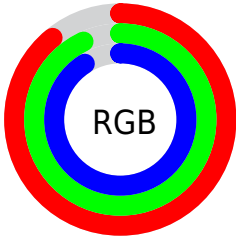
Format	Color
R _Y B	227, 233, 237
Decimal	14937577
CIE Lab	92.92, -4.04, 0.77
CIE LCh	93, 4.109, 169.164
Yxy	82.7825, 0.3086, 0.3332
Android (android.graphics.Color)	4293127657 (0xFFE3EDE9)
YUV	233.5540, -0.2731, -5.7479
Hunter-Lab	90.9849, -8.8061, 5.6744

Details

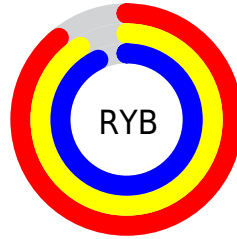
The XYZ color **76.6707, 82.7825, 89.0284** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.8210, 78.7143, 86.7498**, and the grayscale version is **77.8762, 81.9318, 89.2237**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4729, 44.9927, 48.0936** is the 20% darker color. If you saturate the color by 10%, you get **68.3854, 78.6660, 81.7570**, and if you desaturate by 10%, it is **86.0625, 87.4657, 96.7353**.

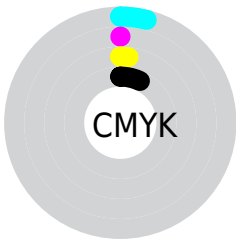
Distribution



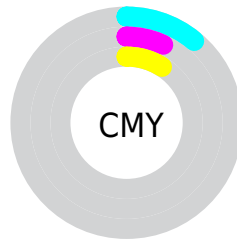
- Red (89%)
- Green (93%)
- Blue (91%)



- Red (89%)
- Yellow (91%)
- Blue (93%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



- Cyan (11%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.6707, 82.7825, 89.0284 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 76.6707, 82.7825, 89.0284 by changing the saturation by 10% instead.

■ 76.6707, 82.7825,
89.0284

■ 76.6707, 82.7825,
89.0284

472.5497,
504.2614, 545.3535

■ 57.2816, 62.0107,
66.6059

127.6498,
137.2708, 147.9118

■ 41.4724, 45.0414,
48.3049

159.9706,
171.7561, 185.2097

■ 28.8777, 31.4900,
33.7067

197.3327,
211.5814, 228.3033

■ 19.1321, 20.9723,
22.3928

240.1014,
257.1311, 277.6109

■ 11.8704, 13.1037,
13.9447

288.6421,
308.7895, 333.5512

■ 6.7270, 7.5000,
7.9439

343.3202,

■ 3.3368, 3.7767,

366.9411, 396.5427

3.9718

404.5009,
431.9703, 467.0040

■ 1.3343, 1.5495,
1.6099

■ 0.2086, 0.3232,
0.2979

■ 76.6707, 82.7825,
89.0284

■ 76.6707, 82.7825,
89.0284

■ 68.3854, 78.6660,
81.7570

■ 86.0625, 87.4657,
96.7353

■ 61.1567, 75.0836,
74.9078

■ 89.0922, 88.8582,
104.5288

■ 54.9412, 72.0153,
68.4744

■ 89.5758, 89.0516,
107.0753

■ 49.6897, 69.4360,
62.4482

■ 45.3486, 67.3182,
56.8203

■ 41.8589, 65.6315,
51.5816

■ 39.1546, 64.3421,
46.7220

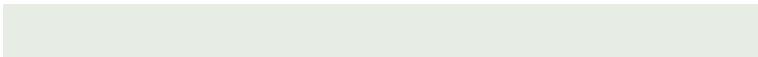
■ 37.1588, 63.4106,
42.2312

■ 35.7783, 62.7890,
38.0975

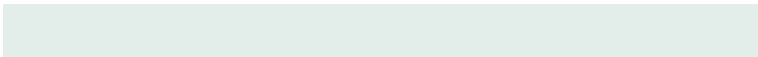
Harmonies

Analogous

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



77.1296, 82.7825, 86.3225



76.6707, 82.7825, 89.0284



76.7470, 82.7825, 92.0922

Triad

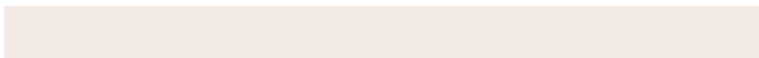
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.6707, 82.7825, 89.0284



79.3624, 82.7825, 95.8408



80.0408, 82.7825, 85.7336

Complementary

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



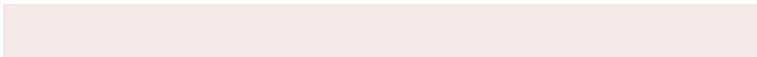
76.6707, 82.7825, 89.0284



76.8210, 78.7143, 86.7498

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.



80.6498, 82.7825, 88.2078



76.6707, 82.7825, 89.0284



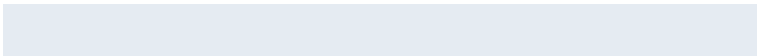
80.2556, 82.7825, 94.0603

Square

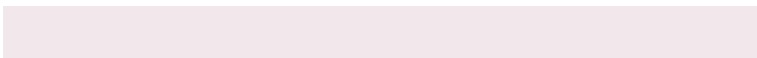
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



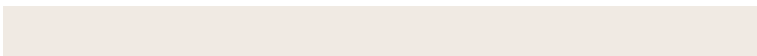
76.6707, 82.7825, 89.0284



78.2946, 82.7825, 96.0727



80.7287, 82.7825, 91.2529



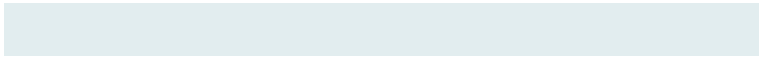
79.0713, 82.7825, 84.4492

Rectangle

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



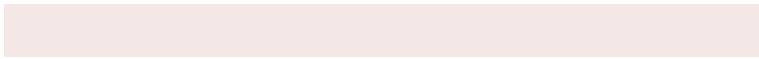
76.6707, 82.7825, 89.0284



77.0914, 82.7825, 93.9244



80.7287, 82.7825, 91.2529



80.2949, 82.7825, 86.4510

Sweetspot

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



76.6730, 82.7860, 89.0302



93.9542, 99.4540, 107.9933



77.1610, 83.1349, 84.6540



20.1216, 21.2930, 23.1246



0.0000, 0.0000, 0.0000



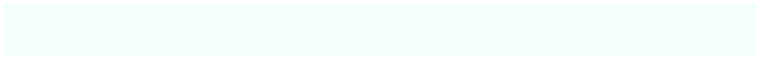
20.3446, 21.4041, 23.3091

Same Dimension

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



76.6730, 82.7860, 89.0302



89.7030, 97.3372, 104.4180



77.0109, 82.5358, 91.9971



15.9242, 17.3504, 18.5738



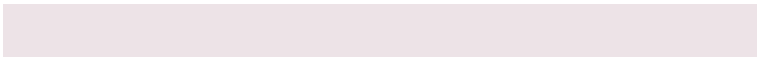
19.2722, 34.1634, 19.9304



1.5606, 2.7016, 1.8141

Inverse Universe

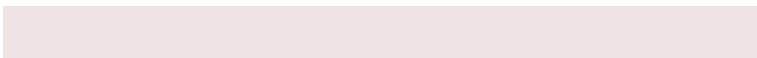
The Inverse Universe completely reimagines the original color for something new.



76.8210, 78.7143, 86.7498



89.9096, 91.6504, 101.2331



76.4903, 78.9478, 83.8811



15.9658, 16.2052, 17.9325



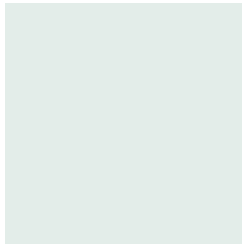
20.2526, 10.3037, 7.1316



1.6367, 0.8276, 0.8042

Previews

White Background



This preview shows how the XYZ color 76.6707, 82.7825, 89.0284 looks on a white background.

Color Contrast Check

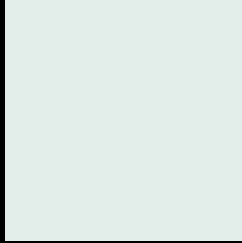
Large Text (above 18pt) WCAG AA × Fail

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 76.6707, 82.7825, 89.0284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

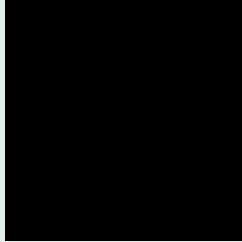
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

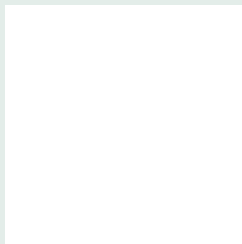
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.6707, 82.7825, 89.0284

Background



This preview shows how black text looks on a background with the XYZ color 76.6707, 82.7825, 89.0284.



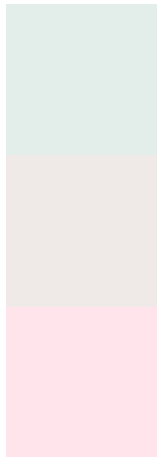
This preview shows how white text looks on a background with the XYZ color 76.6707, 82.7825,

89.0284.

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

76.6707, 82.7825, 89.0284

Protanopia

79.1593, 82.3981, 87.3336

Deuteranopia

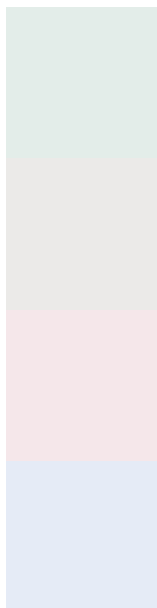
83.9788, 82.7450, 90.1425



Tritanopia

79.7856, 82.7605, 104.6977

Trichromacy



Original Color

76.6707, 82.7825, 89.0284

Protanomaly

78.2493, 82.3340, 88.1118

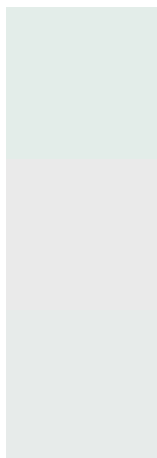
Deuteranomaly

81.0834, 82.5048, 89.4934

Tritanomaly

78.6560, 82.7285, 99.0114

Monochromacy



Original Color

76.6707, 82.7825, 89.0284

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.5146, 82.3461, 89.6508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6707, 82.7825, 89.0284 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(227, 237, 233) looks like.

```
.text, #text, p{  
    color:rgb(227, 237, 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(227, 237, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 237, 233) }
```

Border

The CSS property to change the border of an element to XYZ 76.6707, 82.7825, 89.0284 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(227, 237, 233) }
```


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

```
.border{ border-color:rgb(227, 237, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 237, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 237, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 237, 233);  
box-shadow:4px 4px 4px 4px rgb(227, 237,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6707, 82.7825, 89.0284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 237, 233) }
```

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

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