

Converting Colors

XYZ(79.7204, 82.3131, 95.8877)

Have a look what the booklet for
XYZ(79.7204, 82.3131, 95.8877)
contains.

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Color

**XYZ(79.7580, 82.5215,
95.7289)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE9F2
RGB	236, 233, 242
RGB Percent	93%, 91%, 95%
CMY	0.0745, 0.0863, 0.0510
CMYK	0.02, 0.04, 0.00, 0.05
HSL	260°, 26%, 93%
HSV	260°, 4%, 95%
XYZ	79.7580, 82.5215, 95.7289
YIQ	234.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

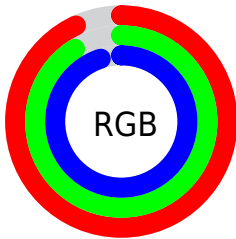
Format	Color
R _Y B	236, 233, 242
Decimal	15526386
CIE Lab	92.80, 2.62, -4.00
CIE LCh	93, 4.787, 303.236
Yxy	82.5215, 0.3091, 0.3198
Android (android.graphics.Color)	4293716466 (0xFFECE9F2)
YUV	234.9230, 3.4890, 0.9445
Hunter-Lab	90.8413, -2.2507, 1.1090

Details

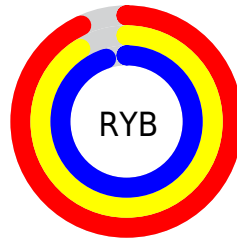
The XYZ color **79.7580, 82.5215, 95.7289** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.0598, 87.7403, 89.7055**, and the grayscale version is **78.8840, 82.9921, 90.3784**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4075, 44.6927, 52.7931** is the 20% darker color. If you saturate the color by 10%, you get **68.2533, 67.1105, 93.3619**, and if you desaturate by 10%, it is **91.9835, 98.6528, 98.1995**.

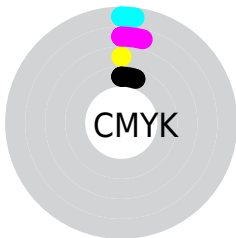
Distribution



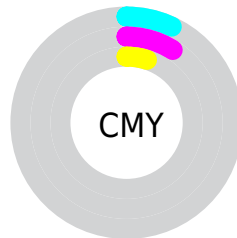
- Red (93%)
- Green (91%)
- Blue (95%)



- Red (93%)
- Yellow (91%)
- Blue (95%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (7%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7580, 82.5215, 95.7289 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 79.7580, 82.5215, 95.7289 by changing the saturation by 10% instead.

79.7580, 82.5215,
95.7289

79.7580, 82.5215,
95.7289

482.8659,
503.3904, 567.5397

59.8270, 61.7955,
72.1416

131.9778,
136.9051, 157.2755

43.5281, 44.8675,
52.7868

164.9972,
171.3314, 196.0717

30.4960, 31.3530,
37.2460

203.1102,
211.0934, 240.7748

20.3653, 20.8678,
25.1008

246.6822,
256.5753, 291.8030

12.7707, 13.0274,
15.9324

296.0783,
308.1615, 349.5751

7.3467, 7.4474,
9.3225

351.6641,

3.7281, 3.7435,

366.2365, 414.5096

4.8525

413.8048,
431.1847, 487.0249

■ 1.5495, 1.5311,
2.1037

■ 0.3592, 0.3105,
0.6180

■ 79.7580, 82.5215,
95.7289

■ 79.7580, 82.5215,
95.7289

■ 68.2533, 67.1105,
93.3619

■ 91.9835, 98.6528,
98.1995

■ 58.1193, 53.7419,
91.3156

■ 93.0272, 99.1909,
98.2483

■ 49.3045, 42.3315,
89.5778

■ 41.7512, 32.7846,
88.1331

■ 35.3974, 24.9987,
86.9652

■ 30.1753, 18.8612,
86.0558

■ 26.0098, 14.2457,
85.3844

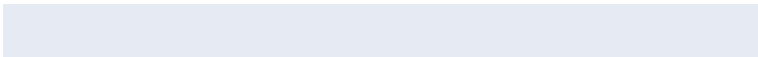
■ 22.8152, 11.0071,
84.9277

■ 20.4898, 8.9693,
84.6569

Harmonies

Analogous

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



78.5699, 82.5215, 96.8959



79.7580, 82.5215, 95.7289



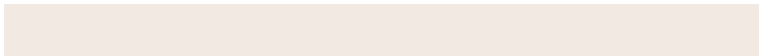
80.5983, 82.5215, 92.9851

Triad

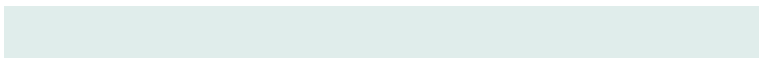
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.7580, 82.5215, 95.7289



79.5207, 82.5215, 83.8491



76.0606, 82.5215, 90.2408

Complementary

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



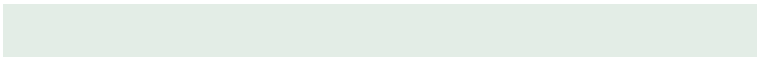
79.7580, 82.5215, 95.7289



82.0598, 87.7403, 89.7055

Split Complementary

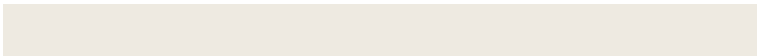
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.3092, 82.5215, 86.7899



79.7580, 82.5215, 95.7289



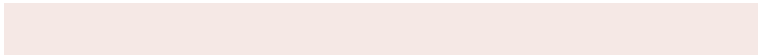
78.2987, 82.5215, 83.1578

Square

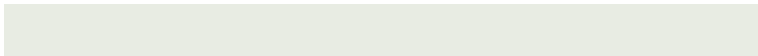
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.7580, 82.5215, 95.7289



80.4603, 82.5215, 86.1343



77.1251, 82.5215, 84.2205



76.4424, 82.5215, 93.6750

Rectangle

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



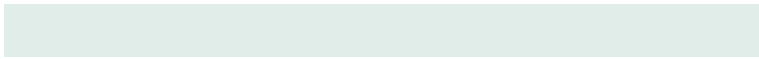
79.7580, 82.5215, 95.7289



80.8435, 82.5215, 90.6644



77.1251, 82.5215, 84.2205



76.0732, 82.5215, 89.0442

Sweetspot

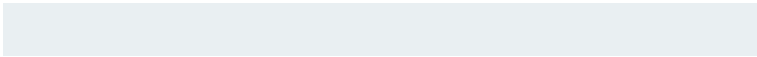
The Sweet Spot groups the original color and five complimentary colors.



79.7604, 82.5250, 95.7307



93.6190, 98.0627, 108.6015



80.5446, 85.5580, 96.2748



20.0534, 21.0099, 23.2483



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.



79.7604, 82.5250, 95.7307



89.4233, 92.3964, 107.7289



81.2226, 83.2788, 95.7991



16.5653, 17.0579, 20.1410



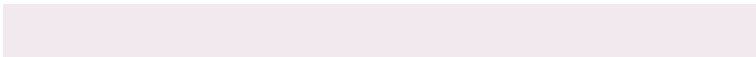
10.5435, 4.4408, 45.4293



0.9787, 0.4218, 3.7840

Inverse Universe

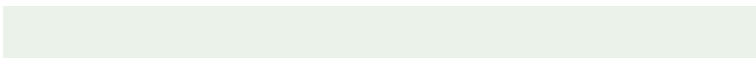
The Inverse Universe completely reimagines the original color for something new.



81.3397, 83.3908, 93.4745



91.3397, 93.4470, 104.9887



80.6084, 86.9921, 89.6376



16.9875, 17.2894, 19.5360



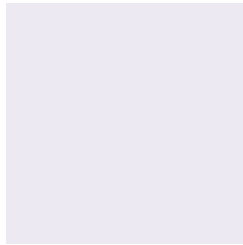
23.2123, 11.5574, 19.5664



1.9770, 0.9798, 1.8696

Previews

White Background



This preview shows how the XYZ color 79.7580, 82.5215, 95.7289 looks on a white background.

Color Contrast Check

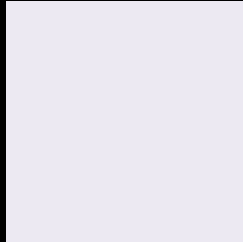
Large Text (above 18pt) WCAG AA × Fail

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 79.7580, 82.5215, 95.7289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

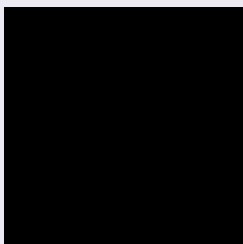
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

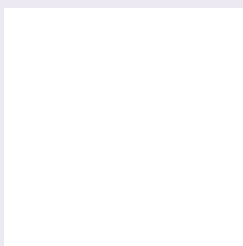
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.7580, 82.5215, 95.7289

Background



This preview shows how black text looks on a background with the XYZ color 79.7580, 82.5215, 95.7289.



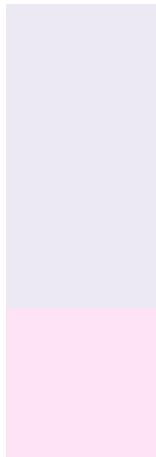
This preview shows how white text looks on a background with the XYZ color 79.7580, 82.5215,

95.7289.

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

79.7580, 82.5215, 95.7289

Protanopia

79.7580, 82.5215, 95.7289

Deuteranopia

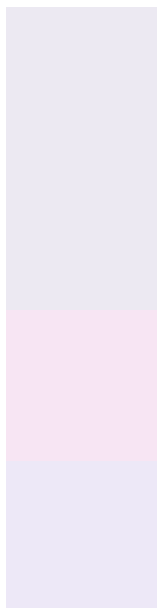
84.1548, 82.2919, 96.2425



Tritanopia

81.0370, 82.6199, 102.1186

Trichromacy



Original Color

79.7580, 82.5215, 95.7289

Protanomaly

79.7580, 82.5215, 95.7289

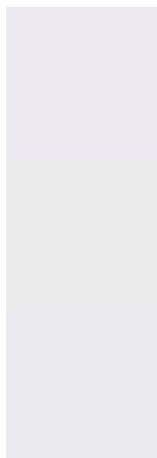
Deuteranomaly

82.5547, 82.2838, 96.3253

Tritanomaly

80.5702, 82.4332, 99.6604

Monochromacy



Original Color

79.7580, 82.5215, 95.7289

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.1164, 82.6809, 92.6780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7580, 82.5215, 95.7289 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, 233, 242) looks like.

```
.text, #text, p{  
    color:rgb(236, 233, 242)  
}
```

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, 233, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 233, 242) }
```

Border

The CSS property to change the border of an element to XYZ 79.7580, 82.5215, 95.7289 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, 233, 242) }
```


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

```
.border{ border-color:rgb(236, 233, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 233, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 233, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 233, 242);  
box-shadow:4px 4px 4px 4px rgb(236, 233,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7580, 82.5215, 95.7289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 233, 242) }
```

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

```
.background{ background-color: rgb(236,  
233, 242) }
```

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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