

Converting Colors

XYZ(79.4891, 83.3447, 95.8063)

Have a look what the booklet for
XYZ(79.4891, 83.3447, 95.8063)
contains.

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Color

**XYZ(79.3396, 83.1511,
95.8725)**

Conversions

Conversions Part 1

Format	Color
Hex	E9EBF2
RGB	233, 235, 242
RGB Percent	91%, 92%, 95%
CMY	0.0863, 0.0784, 0.0510
CMYK	0.04, 0.03, 0.00, 0.05
HSL	227°, 26%, 93%
HSV	227°, 4%, 95%
XYZ	79.3396, 83.1511, 95.8725
YIQ	235.2000, -3.4390, 1.7530

Conversions

Conversions Part 2

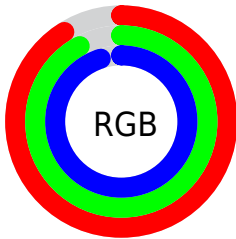
Format	Color
R _Y B	233, 235, 242
Decimal	15330290
CIE Lab	93.08, 0.61, -3.62
CIE LCh	93, 3.674, 279.524
Yxy	83.1511, 0.3071, 0.3218
Android (android.graphics.Color)	4293520370 (0xFFE9EBF2)
YUV	235.2000, 3.3524, -1.9294
Hunter-Lab	91.1872, -4.2695, 1.4947

Details

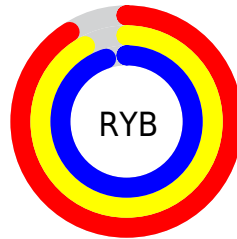
The XYZ color **79.3396, 83.1511, 95.8725** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.4861, 87.0797, 89.5526**, and the grayscale version is **79.0971, 83.2163, 90.6226**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1145, 45.1325, 52.8934** is the 20% darker color. If you saturate the color by 10%, you get **66.8711, 69.1482, 93.8281**, and if you desaturate by 10%, it is **92.6512, 98.4388, 98.1230**.

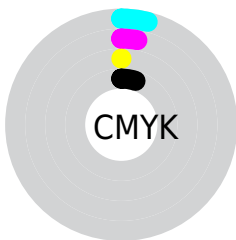
Distribution



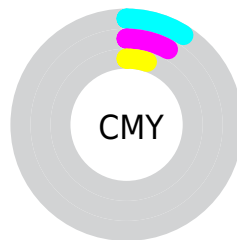
- Red (91%)
- Green (92%)
- Blue (95%)



- Red (91%)
- Yellow (92%)
- Blue (95%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



- Cyan (9%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3396, 83.1511, 95.8725 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 79.3396, 83.1511, 95.8725 by changing the saturation by 10% instead.

■ 79.3396, 83.1511,
95.8725

■ 79.3396, 83.1511,
95.8725

481.4749,
505.4900, 568.0100

■ 59.4817, 62.3148,
72.2605

131.3923,
137.7871, 157.4754

■ 43.2488, 45.2871,
52.8833

164.3177,
172.3555, 196.3033

■ 30.2758, 31.6836,
37.3226

202.3296,
212.2702, 241.0403

■ 20.1971, 21.1200,
25.1596

245.7935,
257.9154, 292.1049

■ 12.6475, 13.2117,
15.9759

295.0746,
309.6756, 349.9156

■ 7.2616, 7.5745,
9.3529

350.5383,

■ 3.6740, 3.8239,

367.9352, 414.8910

4.8721

412.5500,
433.0785, 487.4496

■ 1.5194, 1.5756,
2.1150

■ 0.3390, 0.3410,
0.6247

■ 79.3396, 83.1511,
95.8725

■ 79.3396, 83.1511,
95.8725

■ 66.8711, 69.1482,
93.8281

■ 92.6512, 98.4388,
98.1230

■ 55.9918, 56.7816,
92.0145

■ 93.0272, 99.1909,
98.2483

■ 46.6387, 45.9938,
90.4252

■ 38.7421, 36.7196,
89.0513

■ 32.2263, 28.8894,
87.8833

■ 27.0088, 22.4277,
86.9111

■ 22.9980, 17.2521,
86.1235

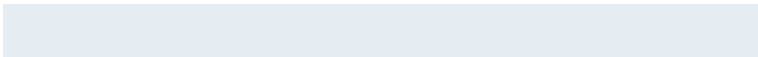
■ 20.0892, 13.2701,
85.5082

■ 18.1581, 10.3753,
85.0512

Harmonies

Analogous

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



78.3862, 83.1511, 95.6004



79.3396, 83.1511, 95.8725



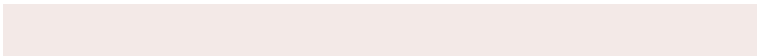
80.2177, 83.1511, 94.6928

Triad

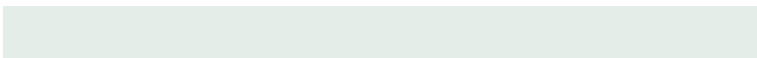
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3396, 83.1511, 95.8725



80.4706, 83.1511, 87.2020



77.3094, 83.1511, 88.6937

Complementary

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



79.3396, 83.1511, 95.8725



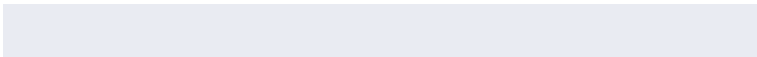
82.4861, 87.0797, 89.5526

Split Complementary

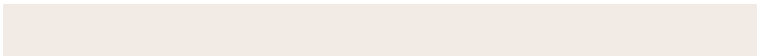
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.8593, 83.1511, 86.5054



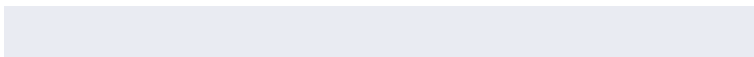
79.3396, 83.1511, 95.8725



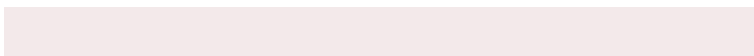
79.6826, 83.1511, 85.6564

Square

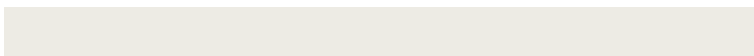
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



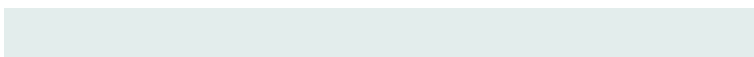
79.3396, 83.1511, 95.8725



80.8742, 83.1511, 89.6622



78.7264, 83.1511, 85.4040



77.2193, 83.1511, 91.4183

Rectangle

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



79.3396, 83.1511, 95.8725



80.6404, 83.1511, 93.2557



78.7264, 83.1511, 85.4040



77.4464, 83.1511, 87.8725

Sweetspot

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



79.3420, 83.1546, 95.8743



93.4889, 98.2613, 108.6467



81.0710, 87.1145, 94.9034



20.0269, 21.0503, 23.2575



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.



79.3420, 83.1546, 95.8743



88.9189, 93.1615, 107.9032



79.5604, 82.4203, 95.7211



16.4546, 17.2255, 20.1792



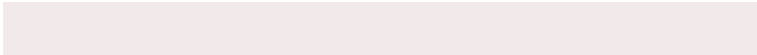
9.3986, 5.0214, 45.6017



0.8538, 0.5615, 3.8176

Inverse Universe

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



80.7541, 83.1548, 90.3957



90.6314, 93.1637, 101.2588



82.2609, 87.8441, 89.7121



16.8318, 17.2271, 18.7156



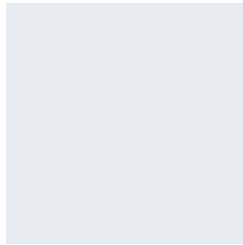
20.0696, 10.3003, 3.0171



1.7059, 0.8714, 0.4421

Previews

White Background



This preview shows how the XYZ color 79.3396, 83.1511, 95.8725 looks on a white background.

Color Contrast Check

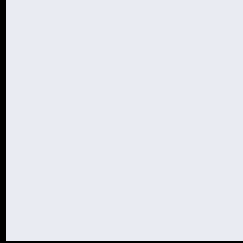
Large Text (above 18pt) WCAG AA × Fail

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 79.3396, 83.1511, 95.8725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

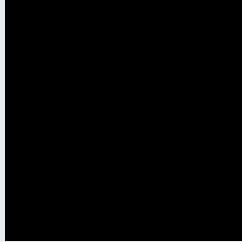
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

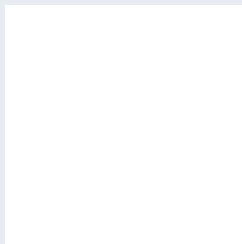
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3396, 83.1511, 95.8725

Background



This preview shows how black text looks on a background with the XYZ color 79.3396, 83.1511, 95.8725.



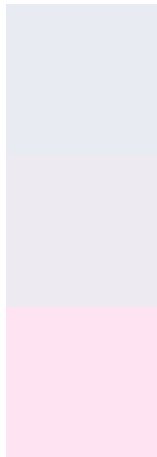
This preview shows how white text looks on a background with the XYZ color 79.3396, 83.1511,

95.8725.

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

79.3396, 83.1511, 95.8725

Protanopia

80.2251, 83.2010, 95.0502

Deuteranopia

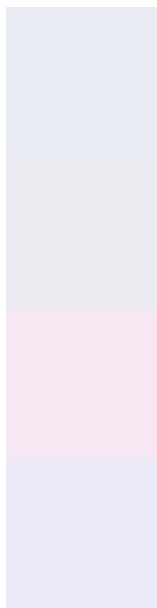
84.7941, 83.0287, 96.3510



Tritanopia

80.9706, 82.9683, 103.8423

Trichromacy



Original Color

79.3396, 83.1511, 95.8725

Protanomaly

79.8921, 83.0294, 95.0346

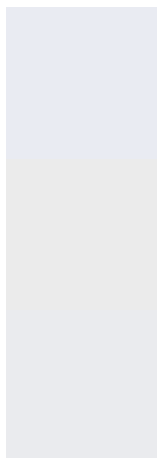
Deuteranomaly

82.7596, 83.2157, 96.4944

Tritanomaly

80.2978, 83.1154, 100.6177

Monochromacy



Original Color

79.3396, 83.1511, 95.8725

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.0726, 83.0821, 92.7578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3396, 83.1511, 95.8725 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(233, 235, 242) looks like.

```
.text, #text, p{  
    color:rgb(233, 235, 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(233, 235, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 235, 242) }
```

Border

The CSS property to change the border of an element to XYZ 79.3396, 83.1511, 95.8725 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(233, 235, 242) }
```


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

```
.border{ border-color:rgb(233, 235, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 235, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 235, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 235, 242);  
box-shadow:4px 4px 4px 4px rgb(233, 235,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3396, 83.1511, 95.8725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 235, 242) }
```

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

```
.background{ background-color: rgb(233,  
235, 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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