

Converting Colors

XYZ(79.4333, 80.2195, 94.7166)

Have a look what the booklet for
XYZ(79.4333, 80.2195, 94.7166)
contains.

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Color

**XYZ(79.5558, 80.3629,
94.5376)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E4F1
RGB	240, 228, 241
RGB Percent	94%, 89%, 95%
CMY	0.0588, 0.1059, 0.0549
CMYK	0.00, 0.05, 0.00, 0.05
HSL	295°, 32%, 92%
HSV	295°, 5%, 95%
XYZ	79.5558, 80.3629, 94.5376
YIQ	233.0700, 2.9790, 6.5870

Conversions

Conversions Part 2

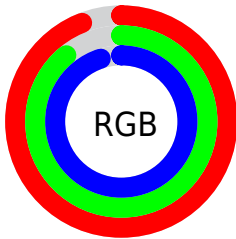
Format	Color
R_{YB}	240, 228, 241
Decimal	15787249
CIE _{Lab}	91.85, 6.35, -4.86
CIE _{LCh}	92, 7.994, 322.595
Yxy	80.3629, 0.3127, 0.3158
Android (android.graphics.Color)	4293977329 (0xFFFF0E4F1)
YUV	233.0700, 3.9095, 6.0776
Hunter-Lab	89.6454, 1.5305, 0.2261

Details

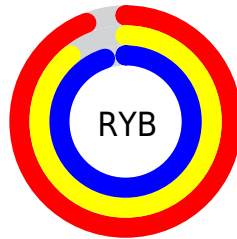
The XYZ color **79.5558, 80.3629, 94.5376** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.7748, 85.1721, 85.7434**, and the grayscale version is **77.4767, 81.5115, 88.7661**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4677, 43.5803, 52.0198** is the 20% darker color. If you saturate the color by 10%, you get **72.7574, 67.6945, 92.4519**, and if you desaturate by 10%, it is **87.2894, 94.8898, 96.9352**.

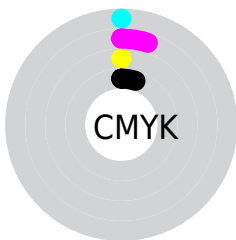
Distribution



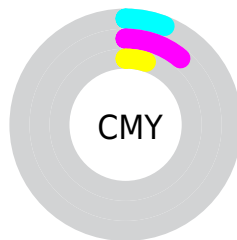
- Red (94%)
- Green (89%)
- Blue (95%)



- Red (94%)
- Yellow (89%)
- Blue (95%)



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



- Cyan (6%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5558, 80.3629, 94.5376 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 79.5558, 80.3629, 94.5376 by changing the saturation by 10% instead.

79.5558, 80.3629,
94.5376

79.5558, 80.3629,
94.5376

482.1940,
496.1550, 563.6301

59.6601, 60.0170,
71.1554

131.6948,
133.8758, 155.6157

43.3931, 43.4324,
51.9864

164.6689,
167.8117, 194.1487

30.3896, 30.2245,
36.6121

202.7331,
207.0463, 238.5691

20.2840, 20.0091,
24.6139

246.2528,
251.9641, 289.2953

12.7111, 12.4016,
15.5732

295.5934,
302.9495, 346.7460

7.3055, 7.0178,
9.0716

351.1202,

3.7019, 3.4732,

360.3868, 411.3397

4.6905

413.1986,
424.6605, 483.4948

■ 1.5349, 1.3835,
2.0113

■ 0.3494, 0.2045,
0.5622

■ 79.5558, 80.3629,
94.5376

■ 79.5558, 80.3629,
94.5376

■ 72.7574, 67.6945,
92.4519

■ 87.2894, 94.8898,
96.9352

■ 66.8492, 56.7982,
90.6601

■ 88.8449, 97.0521,
97.2706

■ 61.7929, 47.5961,
89.1504

■ 89.4904, 97.3849,
97.3008

■ 57.5447, 40.0007,
87.9082

■ 90.1424, 97.7210,
97.3313

■ 54.0568, 33.9164,
86.9177

■ 90.8009, 98.0605,
97.3621

■ 51.2763, 29.2377,
86.1611

■ 91.4659, 98.4033,
97.3932

■ 49.1437, 25.8453,
85.6187

■ 92.1375, 98.7495,
97.4246

■ 47.5894, 23.6002,
85.2673

■ 92.8156, 99.0991,
97.4564

■ 46.5278, 22.3312,
85.0783

■ 92.8774, 99.1310,
97.4593

Harmonies

Analogous

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



77.9066, 80.3629, 98.3401



79.5558, 80.3629, 94.5376



80.3573, 80.3629, 88.9641

Triad

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



79.5558, 80.3629, 94.5376



76.8915, 80.3629, 76.7803



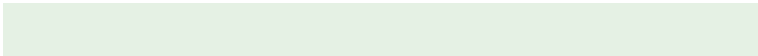
72.8018, 80.3629, 91.9097

Complementary

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



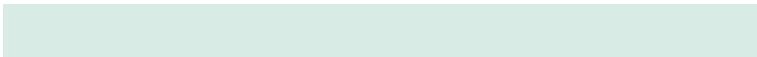
79.5558, 80.3629, 94.5376



77.7748, 85.1721, 85.7434

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.



72.5410, 80.3629, 86.0551



79.5558, 80.3629, 94.5376



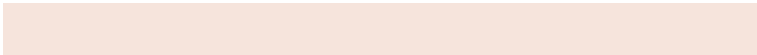
74.8784, 80.3629, 77.4901

Square

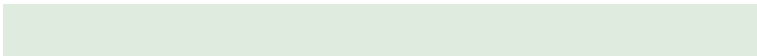
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5558, 80.3629, 94.5376



78.8014, 80.3629, 78.8392



73.2948, 80.3629, 80.8235



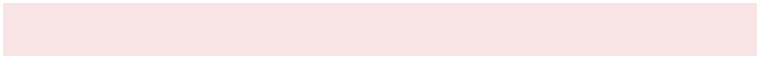
74.0137, 80.3629, 96.7762

Rectangle

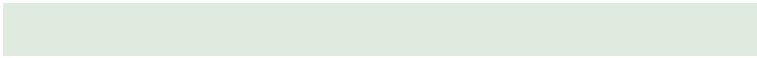
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.5558, 80.3629, 94.5376



80.2933, 80.3629, 85.0636



73.2948, 80.3629, 80.8235



72.6009, 80.3629, 89.9857

Sweetspot

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



79.5581, 80.3664, 94.5393



93.3004, 96.7148, 108.3581



75.9178, 78.9334, 94.4546



19.9885, 20.7353, 23.1988



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.



79.5581, 80.3664, 94.5393



89.9302, 90.4012, 107.3171



79.1013, 80.2230, 90.3577



16.7518, 16.7585, 20.0734



25.0747, 11.9319, 46.1094



2.1214, 1.0109, 3.8375

Inverse Universe

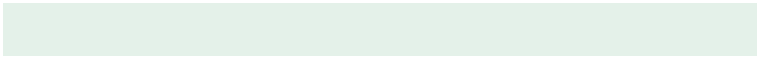
The Inverse Universe completely reimagines the original color for something new.



78.1646, 79.8483, 85.4250



88.1706, 89.7472, 95.7985



78.2205, 85.3136, 89.7506



16.3903, 16.6242, 17.7051



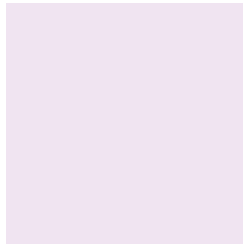
19.7516, 10.1731, 1.3424



1.6601, 0.8531, 0.2011

Previews

White Background



This preview shows how the XYZ color 79.5558, 80.3629, 94.5376 looks on a white background.

Color Contrast Check

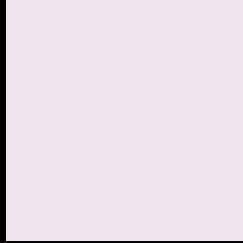
Large Text (above 18pt) WCAG AA × Fail

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 79.5558, 80.3629, 94.5376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

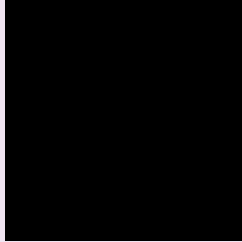
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

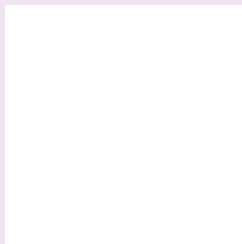
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.5558, 80.3629, 94.5376

Background



This preview shows how black text looks on a background with the XYZ color 79.5558, 80.3629, 94.5376.



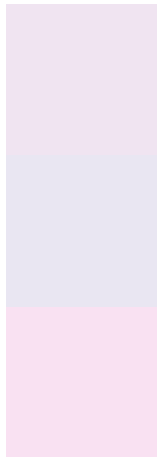
This preview shows how white text looks on a background with the XYZ color 79.5558, 80.3629,

94.5376.

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

79.5558, 80.3629, 94.5376

Protanopia

77.9281, 80.3281, 95.4020

Deuteranopia

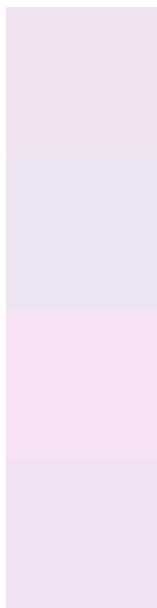
82.0191, 80.4010, 95.2005



Tritanopia

80.2261, 80.2315, 97.6441

Trichromacy



Original Color

79.5558, 80.3629, 94.5376

Protanomaly

78.6384, 80.2823, 95.3557

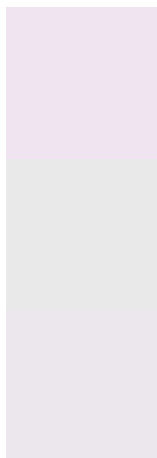
Deuteranomaly

81.2294, 80.3963, 95.2412

Tritanomaly

80.0738, 80.1706, 96.8421

Monochromacy



Original Color

79.5558, 80.3629, 94.5376

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.3083, 81.0408, 90.8720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5558, 80.3629, 94.5376 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(240, 228, 241) looks like.

```
.text, #text, p{  
    color:rgb(240, 228, 241)  
}
```

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(240, 228, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 228, 241) }
```

Border

The CSS property to change the border of an element to XYZ 79.5558, 80.3629, 94.5376 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(240, 228, 241) }
```


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

```
.border{ border-color:rgb(240, 228, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 228, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 228, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 228, 241);  
box-shadow:4px 4px 4px 4px rgb(240, 228,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5558, 80.3629, 94.5376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 228, 241) }
```

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

```
.background{ background-color: rgb(240,  
228, 241) }
```

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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