

Converting Colors

XYZ(79.0920, 79.4022, 94.3669)

Have a look what the booklet for
XYZ(79.0920, 79.4022, 94.3669)
contains.

XYZ(79.0087, 79.2689, 94.3553)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.0087, 79.2689,
94.3553)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E2F1
RGB	240, 226, 241
RGB Percent	94%, 89%, 95%
CMY	0.0588, 0.1137, 0.0549
CMYK	0.00, 0.06, 0.00, 0.05
HSL	296°, 35%, 92%
HSV	296°, 6%, 95%
XYZ	79.0087, 79.2689, 94.3553
YIQ	231.8960, 3.5290, 7.6330

Conversions

Conversions Part 2

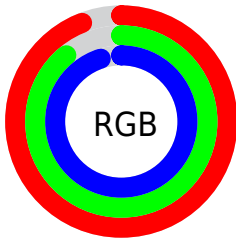
Format	Color
R_{YB}	240, 226, 241
Decimal	15786737
CIE _{Lab}	91.36, 7.39, -5.58
CIE _{LCh}	91, 9.258, 322.928
Yxy	79.2689, 0.3127, 0.3138
Android (android.graphics.Color)	4293976817 (0xFFFF0E2F1)
YUV	231.8960, 4.4883, 7.1072
Hunter-Lab	89.0331, 2.5945, -0.5111

Details

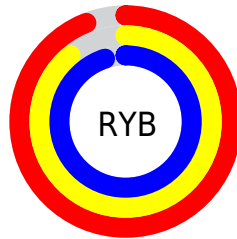
The XYZ color **79.0087, 79.2689, 94.3553** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.8644, 84.7346, 84.2599**, and the grayscale version is **76.5916, 80.5803, 87.7520**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0870, 42.8189, 51.8929** is the 20% darker color. If you saturate the color by 10%, you get **72.3682, 66.7932, 92.2984**, and if you desaturate by 10%, it is **86.5797, 93.5961, 96.7229**.

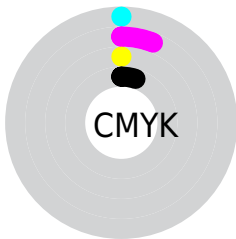
Distribution



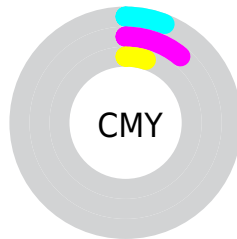
- Red (94%)
- Green (89%)
- Blue (95%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.0087, 79.2689, 94.3553 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 79.0087, 79.2689, 94.3553 by changing the saturation by 10% instead.


 79.0087, 79.2689,
94.3553

 79.0087, 79.2689,
94.3553


480.3733,
492.4656, 563.0305

 59.2086, 59.1169,
71.0046


130.9290,
132.3374, 155.3615

 43.0281, 42.7072,
51.8641


163.7799,
166.0226, 193.8541

 30.1018, 29.6555,
36.5153


201.7118,
204.9878, 238.2311

 20.0643, 19.5772,
24.5396

245.0900,
249.6172, 288.9110

 12.5503, 12.0881,
15.5185

294.2799,
300.2953, 346.3123

 7.1945, 6.8037,
9.0334

349.6468,

 3.6314, 3.3396,

357.4064, 410.8537

4.6659

411.5562,
421.3351, 482.9536

■ 1.4958, 1.3115,
1.9973

■ 0.3230, 0.1501,
0.5536

■ 79.0087, 79.2689,
94.3553

■ 79.0087, 79.2689,
94.3553

■ 72.3682, 66.7932,
92.2984

■ 86.5797, 93.5961,
96.7229

■ 66.6131, 56.0823,
90.5343

■ 88.6741, 96.9641,
97.2626

■ 61.7047, 47.0578,
89.0511

■ 89.2319, 97.2516,
97.2887

■ 57.5991, 39.6315,
87.8341

■ 89.7946, 97.5417,
97.3150

■ 54.2480, 33.7073,
86.8672

■ 90.3622, 97.8343,
97.3416

■ 51.5981, 29.1785,
86.1327

■ 90.9346, 98.1294,
97.3684

■ 49.5892, 25.9245,
85.6105

■ 91.5120, 98.4271,
97.3954

■ 48.1508, 23.8043,
85.2771

■ 92.0942, 98.7272,
97.4226

■ 47.1950, 22.6425,
85.1032

■ 92.6815, 99.0299,
97.4501

Harmonies

Analogous

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



77.1182, 79.2689, 98.7961



79.0087, 79.2689, 94.3553



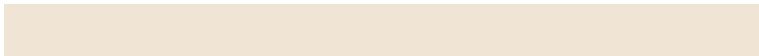
79.9201, 79.2689, 87.9148

Triad

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



79.0087, 79.2689, 94.3553



75.9009, 79.2689, 74.0853



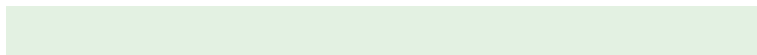
71.2541, 79.2689, 91.4546

Complementary

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



79.0087, 79.2689, 94.3553



76.8644, 84.7346, 84.2599

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.



70.9435, 79.2689, 84.7256



79.0087, 79.2689, 94.3553



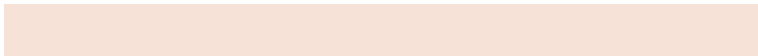
73.5947, 79.2689, 74.9235

Square

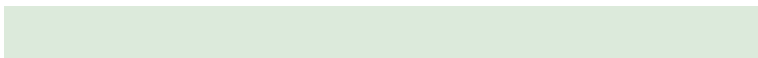
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0087, 79.2689, 94.3553



78.1018, 79.2689, 76.3840



71.7919, 79.2689, 78.7362



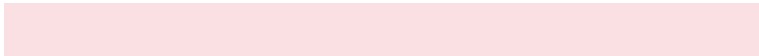
72.6494, 79.2689, 97.0615

Rectangle

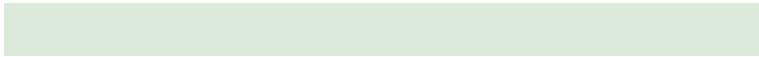
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0087, 79.2689, 94.3553



79.8367, 79.2689, 83.4453



71.7919, 79.2689, 78.7362



71.0206, 79.2689, 89.2403

Sweetspot

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



79.0110, 79.2723, 94.3570



93.3195, 96.7246, 108.3590



74.7822, 77.5986, 94.2568



19.9924, 20.7374, 23.1989



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.



79.0110, 79.2723, 94.3570



89.1810, 88.9102, 107.0688



78.4338, 79.0808, 89.5407



16.6220, 16.4978, 20.0299



25.4820, 12.1419, 46.1284



2.1510, 1.0261, 3.8389

Inverse Universe

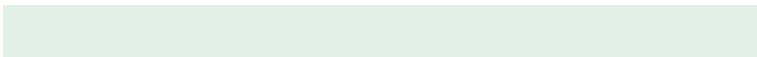
The Inverse Universe completely reimagines the original color for something new.



77.3400, 78.6432, 83.7807



87.0503, 88.1083, 93.5700



77.4232, 84.9218, 88.8441



16.1930, 16.3364, 17.3103



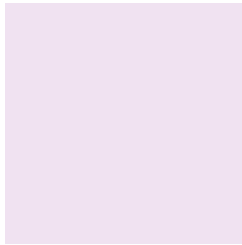
19.7393, 10.1682, 1.2780



1.6570, 0.8518, 0.1845

Previews

White Background



This preview shows how the XYZ color 79.0087, 79.2689, 94.3553 looks on a white background.

Color Contrast Check

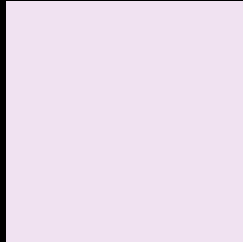
Large Text (above 18pt) WCAG AA × Fail

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 79.0087, 79.2689, 94.3553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

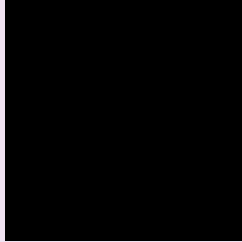
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

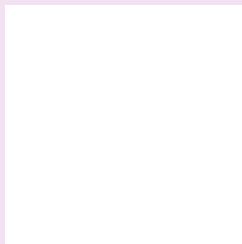
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0087, 79.2689, 94.3553

Background



This preview shows how black text looks on a background with the XYZ color 79.0087, 79.2689, 94.3553.



This preview shows how white text looks on a background with the XYZ color 79.0087, 79.2689,

94.3553.

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

79.0087, 79.2689, 94.3553

Protanopia

77.1520, 79.4986, 96.0724

Deuteranopia

80.7725, 78.9603, 94.9881



Tritanopia

79.3092, 79.3890, 95.9376

Trichromacy



Original Color

79.0087, 79.2689, 94.3553

Protanomaly

77.7021, 79.3900, 95.2329

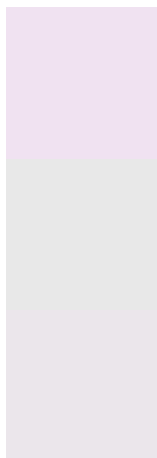
Deuteranomaly

79.9909, 78.9552, 95.0283

Tritanomaly

79.1585, 79.3288, 95.1443

Monochromacy



Original Color

79.0087, 79.2689, 94.3553

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.5532, 80.2540, 90.0003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0087, 79.2689, 94.3553 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, 226, 241)` looks like.

```
.text, #text, p{  
    color:rgb(240, 226, 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, 226, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 226, 241) }
```

Border

The CSS property to change the border of an element to XYZ 79.0087, 79.2689, 94.3553 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, 226, 241) }
```


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

```
.border{ border-color:rgb(240, 226, 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, 226, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 226, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 226, 241);  
box-shadow:4px 4px 4px 4px rgb(240, 226,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0087, 79.2689, 94.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 226, 241) }
```

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

```
.background{ background-color: rgb(240,  
226, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor