

Converting Colors

XYZ(79.3539, 79.3749, 97.6983)

Have a look what the booklet for
XYZ(79.3539, 79.3749, 97.6983)
contains.

XYZ(79.2744, 79.3360, 97.5214)	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(79.2744, 79.3360,
97.5214)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE2F5
RGB	239, 226, 245
RGB Percent	94%, 89%, 96%
CMY	0.0627, 0.1137, 0.0392
CMYK	0.02, 0.08, 0.00, 0.04
HSL	281°, 49%, 92%
HSV	281°, 8%, 96%
XYZ	79.2744, 79.3360, 97.5214
YIQ	232.0530, 1.6490, 8.6650

Conversions

Conversions Part 2

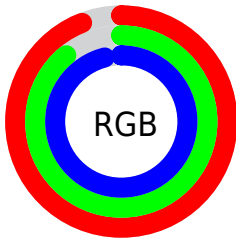
Format	Color
R _{YB}	239, 226, 245
Decimal	15721205
CIE _{Lab}	91.39, 7.78, -7.64
CIE _{LCh}	91, 10.905, 315.537
Yxy	79.3360, 0.3095, 0.3097
Android (android.graphics.Color)	4293911285 (0xFFEFE2F5)
YUV	232.0530, 6.3829, 6.0925
Hunter-Lab	89.0708, 2.9940, -2.5656

Details

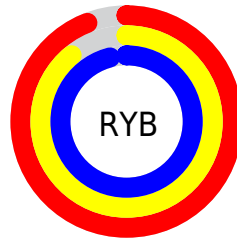
The XYZ color **79.2744, 79.3360, 97.5214** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.6615, 87.9537, 84.7336**, and the grayscale version is **76.6963, 80.6905, 87.8719**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2767, 42.8672, 54.1374** is the 20% darker color. If you saturate the color by 10%, you get **70.5264, 65.6348, 95.3391**, and if you desaturate by 10%, it is **89.0907, 95.0055, 100.0297**.

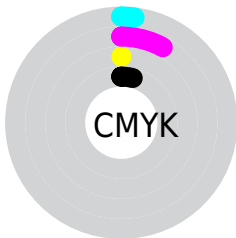
Distribution



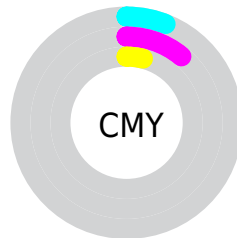
- Red (94%)
- Green (89%)
- Blue (96%)



- Red (94%)
- Yellow (89%)
- Blue (96%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)



- Cyan (6%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2744, 79.3360, 97.5214 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 79.2744, 79.3360, 97.5214 by changing the saturation by 10% instead.

79.2744, 79.3360,
97.5214

79.2744, 79.3360,
97.5214

481.2580,
492.6923, 573.3951

59.4279, 59.1721,
73.6269

131.3010,
132.4318, 159.7689

43.2053, 42.7517,
53.9938

164.2117,
166.1324, 198.9589

30.2415, 29.6903,
38.2035

202.2079,
205.1142, 244.0845

20.1709, 19.6037,
25.8376

245.6549,
249.7613, 295.5642

12.6283, 12.1073,
16.4775

294.9181,
300.4583, 353.8166

7.2483, 6.8168,
9.7047

350.3627,

3.6656, 3.3478,

357.5896, 419.2602

5.1006

412.3542,
421.5394, 492.3135

■ 1.5148, 1.3159,
2.2466

■ 0.3358, 0.1535,
0.7011

■ 79.2744, 79.3360,
97.5214

■ 79.2744, 79.3360,
97.5214

■ 70.5264, 65.6348,
95.3391

■ 89.0907, 95.0055,
100.0297

■ 62.7984, 53.8105,
93.4641

■ 93.2900, 99.2738,
100.6323

■ 56.0481, 43.7800,
91.8837

■ 93.4817, 99.3727,
100.6413

■ 50.2276, 35.4493,
90.5825

■ 45.2847, 28.7160,
89.5434

■ 41.1614, 23.4666,
88.7475

■ 37.7920, 19.5719,
88.1733

■ 35.0994, 16.8798,
87.7956

■ 32.9804, 15.1868,
87.5805

Harmonies

Analogous

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



76.8431, 79.3360, 101.9388



79.2744, 79.3360, 97.5214



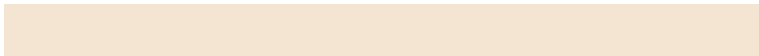
80.6856, 79.3360, 90.2517

Triad

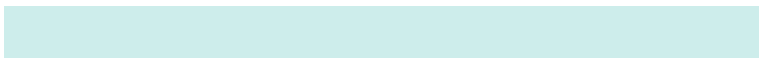
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2744, 79.3360, 97.5214



76.7454, 79.3360, 72.4310



70.3875, 79.3360, 90.5366

Complementary

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



79.2744, 79.3360, 97.5214



79.6615, 87.9537, 84.7336

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.



70.3628, 79.3360, 82.6273



79.2744, 79.3360, 97.5214



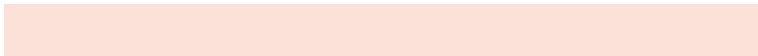
73.9879, 79.3360, 72.4969

Square

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



79.2744, 79.3360, 97.5214



79.2014, 79.3360, 75.9417



71.6665, 79.3360, 76.1275



71.7348, 79.3360, 97.7410

Rectangle

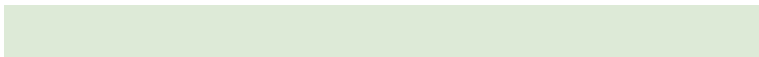
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.2744, 79.3360, 97.5214



80.8364, 79.3360, 84.9190



71.6665, 79.3360, 76.1275



70.2254, 79.3360, 87.8645

Sweetspot

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



79.2767, 79.3394, 97.5231



92.8544, 96.4849, 108.3372



76.7099, 80.4873, 97.8800



19.8977, 20.6886, 23.1945



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.



79.2767, 79.3394, 97.5231



85.5440, 84.8724, 106.4811



80.8094, 80.1904, 94.8453



16.6749, 16.4905, 20.8467



17.6843, 8.0909, 47.1677



1.6603, 0.7658, 4.1505

Inverse Universe

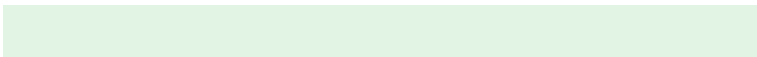
The Inverse Universe completely reimagines the original color for something new.



79.4208, 79.6350, 87.5330



85.7348, 85.2510, 93.8292



78.2298, 87.1598, 87.1870



16.7147, 16.5688, 18.2445



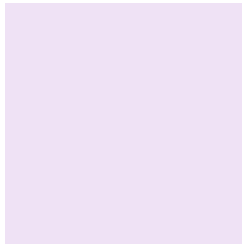
21.0703, 10.7715, 5.0784



1.8965, 0.9646, 0.6812

Previews

White Background



This preview shows how the XYZ color 79.2744, 79.3360, 97.5214 looks on a white background.

Color Contrast Check

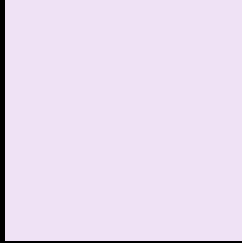
Large Text (above 18pt) WCAG AA × Fail

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 79.2744, 79.3360, 97.5214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

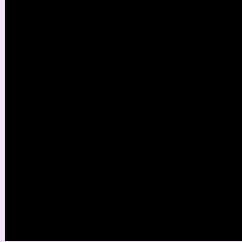
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

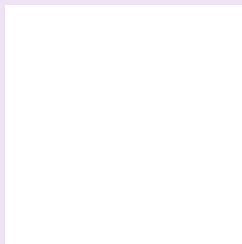
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.2744, 79.3360, 97.5214

Background



This preview shows how black text looks on a background with the XYZ color 79.2744, 79.3360, 97.5214.



This preview shows how white text looks on a background with the XYZ color 79.2744, 79.3360,

97.5214.

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

79.2744, 79.3360, 97.5214

Protanopia

77.4409, 79.5770, 99.2740

Deuteranopia

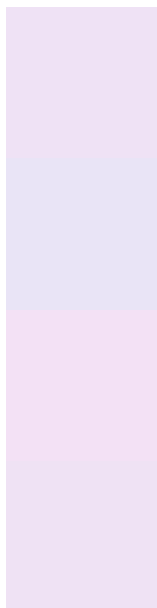
81.1431, 79.4967, 97.4539



Tritanopia

79.1221, 79.2751, 96.7194

Trichromacy



Original Color

79.2744, 79.3360, 97.5214

Protanomaly

77.9822, 79.4643, 98.4168

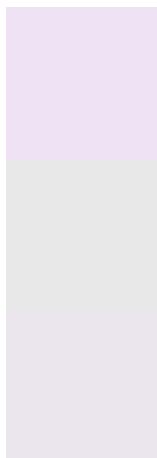
Deuteranomaly

80.3688, 79.4977, 97.4949

Tritanomaly

79.1221, 79.2751, 96.7194

Monochromacy



Original Color

79.2744, 79.3360, 97.5214

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.8438, 80.3702, 91.5310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2744, 79.3360, 97.5214 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(239, 226, 245) looks like.

```
.text, #text, p{  
    color:rgb(239, 226, 245)  
}
```

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(239, 226, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 226, 245) }
```

Border

The CSS property to change the border of an element to XYZ 79.2744, 79.3360, 97.5214 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(239, 226, 245) }
```


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

```
.border{ border-color:rgb(239, 226, 245) }
```

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

Here you see how a box with a 4 pixel rgb(239, 226, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 226, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 226, 245);  
box-shadow:4px 4px 4px 4px rgb(239, 226,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2744, 79.3360, 97.5214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 226, 245) }
```

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

```
.background{ background-color: rgb(239,  
226, 245) }
```

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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