

Converting Colors

XYZ(81.5462, 84.7171, 99.5963)

Have a look what the booklet for
XYZ(81.5462, 84.7171, 99.5963)
contains.

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Color

**XYZ(81.5551, 84.6493,
99.2293)**

Conversions

Conversions Part 1

Format	Color
Hex	EDEC F6
RGB	237, 236, 246
RGB Percent	93%, 93%, 96%
CMY	0.0706, 0.0745, 0.0353
CMYK	0.04, 0.04, 0.00, 0.04
HSL	246°, 36%, 95%
HSV	246°, 4%, 96%
XYZ	81.5551, 84.6493, 99.2293
YIQ	237.4390, -2.6140, 3.3220

Conversions

Conversions Part 2

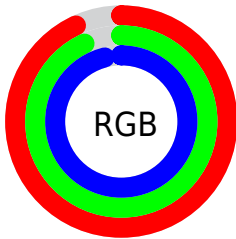
Format	Color
R _Y B	237, 236, 246
Decimal	15592694
CIE Lab	93.73, 2.14, -4.71
CIE LCh	94, 5.177, 294.451
Yxy	84.6493, 0.3073, 0.3189
Android (android.graphics.Color)	4293782774 (0xFFEDEC F6)
YUV	237.4390, 4.2206, -0.3850
Hunter-Lab	92.0051, -2.7829, 0.4581

Details

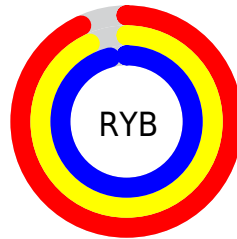
The XYZ color **81.5551, 84.6493, 99.2293** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.7554, 91.3824, 92.4799**, and the grayscale version is **80.8066, 85.0148, 92.5812**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6716, 46.1840, 55.2752** is the 20% darker color. If you saturate the color by 10%, you get **68.0112, 67.8691, 96.7055**, and if you desaturate by 10%, it is **93.6348, 99.4339, 101.4476**.

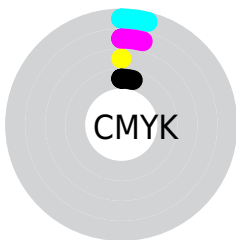
Distribution



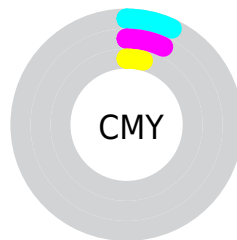
- Red (93%)
- Green (93%)
- Blue (96%)



- Red (93%)
- Yellow (93%)
- Blue (96%)



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



- Cyan (7%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.5551, 84.6493, 99.2293 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 81.5551, 84.6493, 99.2293 by changing the saturation by 10% instead.

81.5551, 84.6493,
99.2293

81.5551, 84.6493,
99.2293

488.8154,
510.4669, 578.9445

61.3117, 63.5516,
75.0438

134.4890,
139.8831, 162.1403

44.7303, 46.2876,
55.1468

167.9103,
174.7880, 201.7028

31.4454, 32.4729,
39.1199

206.4549,
215.0642, 247.2281

21.0917, 21.7229,
26.5444

250.4881,
261.0959, 299.1346

13.3039, 13.6535,
17.0020

300.3755,
313.2677, 357.8410

7.7166, 7.8800,
10.0739

356.4822,

3.9644, 4.0183,

371.9638, 423.7657

5.3418

419.1738,
437.5688, 497.3274

■ 1.6820, 1.6838,
2.3869

■ 0.4450, 0.4131,
0.7793

■ 81.5551, 84.6493,
99.2293

■ 81.5551, 84.6493,
99.2293

■ 68.0112, 67.8691,
96.7055

■ 93.6348, 99.4339,
101.4476

■ 56.2810, 53.4107,
94.5330

■ 46.2894, 41.1751,
92.6979

■ 37.9534, 31.0518,
91.1833

■ 31.1830, 22.9206,
89.9707

■ 25.8797, 16.6497,
89.0398

■ 21.9336, 12.0909,
88.3678

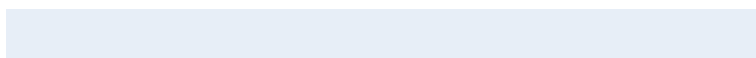
■ 19.2193, 9.0733,
87.9284

■ 17.5871, 7.3902,
87.6896

Harmonies

Analogous

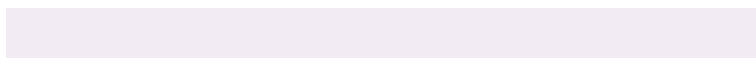
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.2014, 84.6493, 99.9064



81.5551, 84.6493, 99.2293



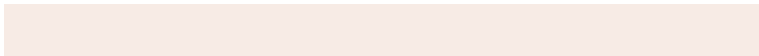
82.6253, 84.6493, 96.6380

Triad

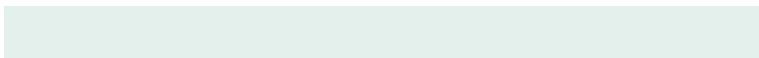
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.5551, 84.6493, 99.2293



82.0024, 84.6493, 86.1487



77.8557, 84.6493, 91.4390

Complementary

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



81.5551, 84.6493, 99.2293



85.7554, 91.3824, 92.4799

Split Complementary

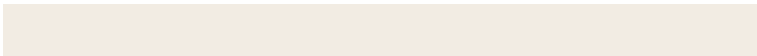
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.3262, 84.6493, 87.8393



81.5551, 84.6493, 99.2293



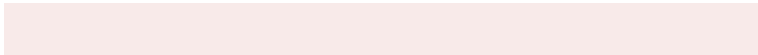
80.7124, 84.6493, 84.8412

Square

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



81.5551, 84.6493, 99.2293



82.8856, 84.6493, 89.0723



79.3680, 84.6493, 85.4512



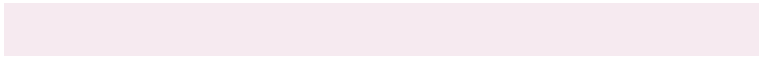
78.0755, 84.6493, 95.3361

Rectangle

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



81.5551, 84.6493, 99.2293



83.0288, 84.6493, 94.2118



79.3680, 84.6493, 85.4512



77.9382, 84.6493, 90.1553

Sweetspot

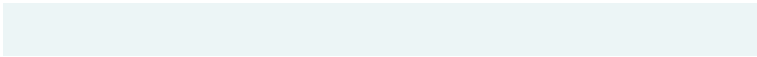
The Sweet Spot groups the original color and five complimentary colors.



81.5575, 84.6529, 99.2312



93.4023, 97.9509, 108.5913



83.9322, 89.8946, 100.1177



20.0093, 20.9871, 23.2463



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.



81.5575, 84.6529, 99.2312



87.0187, 90.0206, 107.3971



83.1938, 85.4964, 99.3077



16.8491, 17.3878, 21.0107



9.1388, 3.6855, 46.7677



0.8535, 0.3499, 4.1128

Inverse Universe

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



84.4859, 86.1802, 98.5720



90.9127, 92.0516, 106.5149



84.0905, 90.5241, 92.4020



17.7122, 17.8380, 20.8143



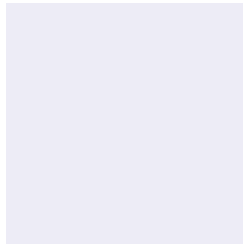
27.3166, 13.2701, 37.9713



2.4211, 1.1744, 3.4437

Previews

White Background



This preview shows how the XYZ color 81.5551, 84.6493, 99.2293 looks on a white background.

Color Contrast Check

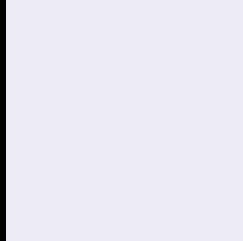
Large Text (above 18pt) WCAG AA × Fail

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 81.5551, 84.6493, 99.2293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

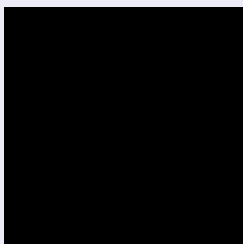
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

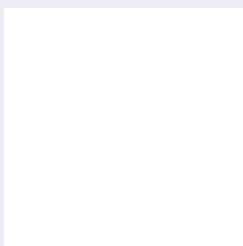
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.5551, 84.6493, 99.2293

Background



This preview shows how black text looks on a background with the XYZ color 81.5551, 84.6493, 99.2293.



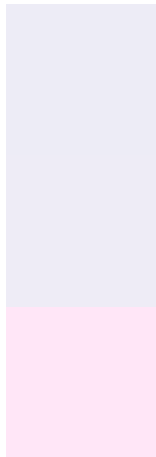
This preview shows how white text looks on a background with the XYZ color 81.5551, 84.6493,

99.2293.

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

81.5551, 84.6493, 99.2293

Protanopia

81.8899, 84.8219, 99.2450

Deuteranopia

86.3253, 84.5690, 99.7693



Tritanopia

82.6978, 84.6857, 104.9158

Trichromacy



Original Color

81.5551, 84.6493, 99.2293

Protanomaly

81.8899, 84.8219, 99.2450

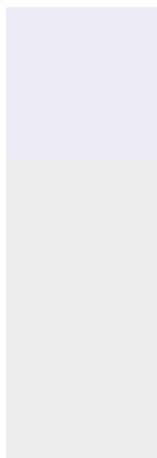
Deuteranomaly

84.3565, 84.3851, 99.8376

Tritanomaly

82.2235, 84.4959, 102.4182

Monochromacy



Original Color

81.5551, 84.6493, 99.2293

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.9374, 84.8642, 94.5526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.5551, 84.6493, 99.2293 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(237, 236, 246)` looks like.

```
.text, #text, p{  
    color:rgb(237, 236, 246)  
}
```

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(237, 236, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 236, 246) }
```

Border

The CSS property to change the border of an element to XYZ 81.5551, 84.6493, 99.2293 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(237, 236, 246) }
```


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

```
.border{ border-color:rgb(237, 236, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 236, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 236, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 236, 246);  
box-shadow:4px 4px 4px 4px rgb(237, 236,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 81.5551, 84.6493, 99.2293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 236, 246) }
```

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

```
.background{ background-color: rgb(237,  
236, 246) }
```

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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