

Converting Colors

XYZ(80.9366, 81.6952, 92.4738)

Have a look what the booklet for
XYZ(80.9366, 81.6952, 92.4738)
contains.

XYZ(80.7602, 81.4448, 92.3528)	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(80.7602, 81.4448,
92.3528)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E5EE
RGB	244, 229, 238
RGB Percent	96%, 90%, 93%
CMY	0.0431, 0.1019, 0.0667
CMYK	0.00, 0.06, 0.02, 0.04
HSL	324°, 41%, 93%
HSV	324°, 6%, 96%
XYZ	80.7602, 81.4448, 92.3528
YIQ	234.5110, 6.0510, 5.9790

Conversions

Conversions Part 2

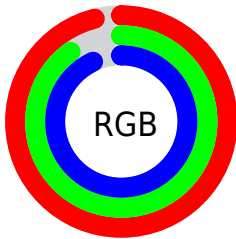
Format	Color
R_{YB}	244, 229, 238
Decimal	16049646
CIE Lab	92.33, 6.64, -2.54
CIE LCh	92, 7.110, 339.035
Yxy	81.4448, 0.3173, 0.3199
Android (android.graphics.Color)	4294239726 (0xFF4E5EE)
YUV	234.5110, 1.7201, 8.3219
Hunter-Lab	90.2468, 1.8046, 2.4991

Details

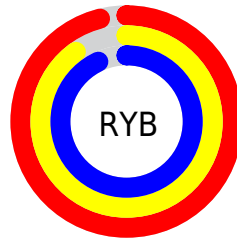
The XYZ color **80.7602, 81.4448, 92.3528** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.6623, 87.3598, 91.2651**, and the grayscale version is **78.5802, 82.6725, 90.0303**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3186, 44.3409, 50.4788** is the 20% darker color. If you saturate the color by 10%, you get **73.0826, 68.3223, 82.9083**, and if you desaturate by 10%, it is **89.4691, 96.5032, 102.5269**.

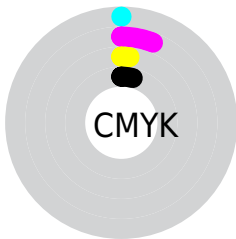
Distribution



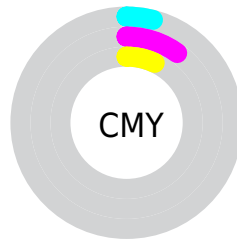
- Red (96%)
- Green (90%)
- Blue (93%)



- Red (96%)
- Yellow (90%)
- Blue (93%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (4%)





- Cyan (4%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.7602, 81.4448, 92.3528 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 80.7602, 81.4448, 92.3528 by changing the saturation by 10% instead.


 80.7602, 81.4448,
92.3528

 80.7602, 81.4448,
92.3528


486.1887,
499.7887, 556.4214

 60.6547, 60.9080,
69.3490


133.3789,
135.3951, 152.5662

 44.1981, 44.1509,
50.5225


166.6229,
169.5775, 190.6129

 31.0248, 30.7892,
35.4546


204.9771,
209.0771, 234.5110

 20.7697, 20.4384,
23.7270

248.8068,
254.2785, 284.6791

 13.0672, 12.7141,
14.9209

298.4775,
305.5659, 341.5356

 7.5522, 7.2320,
8.6179

354.3545,

 3.8591, 3.6076,

363.3238, 405.4991

4.3994

416.8031,
427.9366, 476.9882

■ 1.6228, 1.4566,
1.8469

■ 0.4072, 0.2579,
0.4586

■ 80.7602, 81.4448,
92.3528

■ 80.7602, 81.4448,
92.3528

■ 73.0826, 68.3223,
82.9083

■ 89.4691, 96.5032,
102.5269

■ 66.3888, 57.0458,
74.1685

■ 91.1188, 97.9734,
108.7160

■ 60.6377, 47.5343,
66.1145

■ 55.7826, 39.6962,
58.7245

■ 51.7726, 33.4321,
51.9751

■ 48.5516, 28.6315,
45.8407

■ 46.0559, 25.1697,
40.2934

■ 44.2115, 22.9008,
35.3013

■ 42.9268, 21.6439,
30.8267

Harmonies

Analogous

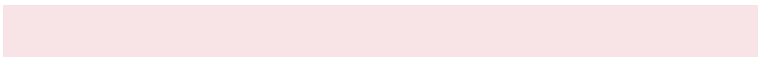
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6594, 81.4448, 96.7813



80.7602, 81.4448, 92.3528



80.9560, 81.4448, 87.0986

Triad

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



80.7602, 81.4448, 92.3528



76.8568, 81.4448, 79.0488



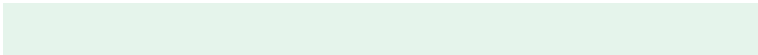
74.6963, 81.4448, 95.2120

Complementary

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



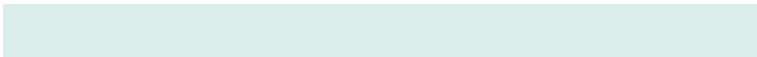
80.7602, 81.4448, 92.3528



79.6623, 87.3598, 91.2651

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.



73.9707, 81.4448, 90.2795



80.7602, 81.4448, 92.3528



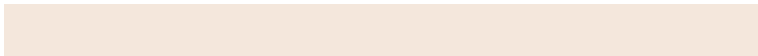
75.2050, 81.4448, 81.0431

Square

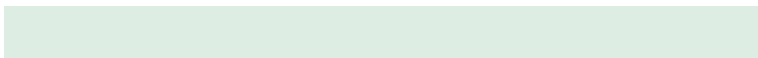
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.7602, 81.4448, 92.3528



78.6830, 81.4448, 79.5545



74.1554, 81.4448, 85.1050



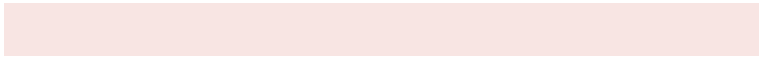
76.1524, 81.4448, 98.4769

Rectangle

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



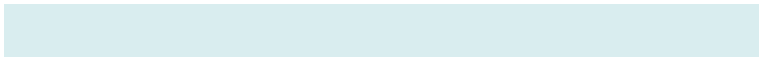
80.7602, 81.4448, 92.3528



80.5441, 81.4448, 83.8544



74.1554, 81.4448, 85.1050



74.3600, 81.4448, 93.6863

Sweetspot

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



80.7625, 81.4483, 92.3546



93.1177, 96.6583, 106.6437



78.6126, 80.2364, 96.9331



19.9513, 20.7239, 22.8499



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

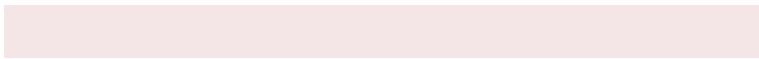
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.7625, 81.4483, 92.3546



88.4889, 88.6838, 101.1453



79.6837, 81.0168, 86.6736



17.2430, 17.2093, 19.7030



23.1924, 11.6204, 16.2533



2.0891, 1.0416, 1.6954

Inverse Universe

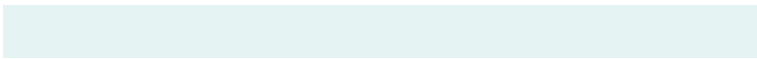
The Inverse Universe completely reimagines the original color for something new.



80.7625, 81.4483, 92.3546



88.4889, 88.6838, 101.1453



80.7686, 87.8023, 97.0908



17.2430, 17.2093, 19.7030



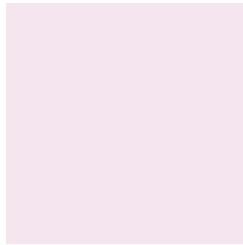
23.1924, 11.6204, 16.2533



2.0891, 1.0416, 1.6954

Previews

White Background



This preview shows how the XYZ color 80.7602, 81.4448, 92.3528 looks on a white background.

Color Contrast Check

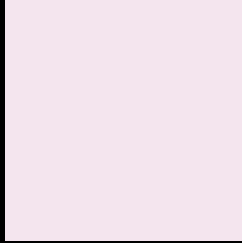
Large Text (above 18pt) WCAG AA × Fail

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 80.7602, 81.4448, 92.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

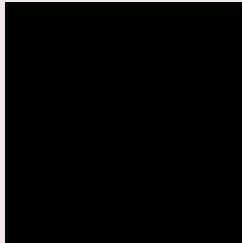
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.7602, 81.4448, 92.3528

Background



This preview shows how black text looks on a background with the XYZ color 80.7602, 81.4448, 92.3528.



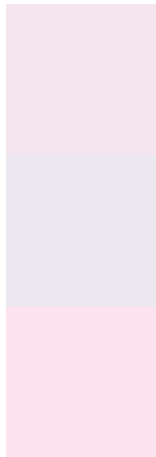
This preview shows how white text looks on a background with the XYZ color 80.7602, 81.4448,

92.3528.

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

80.7602, 81.4448, 92.3528

Protanopia

78.8457, 81.6667, 94.0457

Deuteranopia

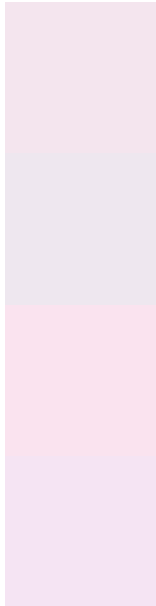
83.2844, 81.5074, 93.0043



Tritanopia

82.0341, 81.5531, 98.6064

Trichromacy



Original Color

80.7602, 81.4448, 92.3528

Protanomaly

79.4158, 81.5610, 93.2185

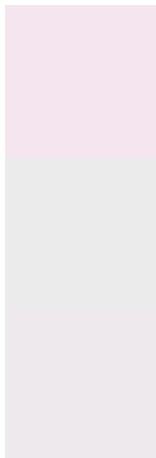
Deuteranomaly

82.4734, 81.4942, 93.0445

Tritanomaly

81.5773, 81.3703, 96.2005

Monochromacy



Original Color

80.7602, 81.4448, 92.3528

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.5391, 82.5111, 91.0910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.7602, 81.4448, 92.3528 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(244, 229, 238) looks like.

```
.text, #text, p{  
    color:rgb(244, 229, 238)  
}
```

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(244, 229, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 229, 238) }
```

Border

The CSS property to change the border of an element to XYZ 80.7602, 81.4448, 92.3528 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(244, 229, 238) }
```


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

```
.border{ border-color:rgb(244, 229, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 229, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 229, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 229, 238);  
box-shadow:4px 4px 4px 4px rgb(244, 229,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 80.7602, 81.4448, 92.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 229, 238) }
```

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

```
.background{ background-color: rgb(244,  
229, 238) }
```

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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