

Converting Colors

XYZ(78.5249, 80.7632, 92.3951)

Have a look what the booklet for
XYZ(78.5249, 80.7632, 92.3951)
contains.

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Color

**XYZ(78.3215, 80.5995,
92.3182)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE6EE
RGB	236, 230, 238
RGB Percent	93%, 90%, 93%
CMY	0.0745, 0.0980, 0.0667
CMYK	0.01, 0.03, 0.00, 0.07
HSL	285°, 19%, 92%
HSV	285°, 3%, 93%
XYZ	78.3215, 80.5995, 92.3182
YIQ	232.7060, 1.0080, 3.7600

Conversions

Conversions Part 2

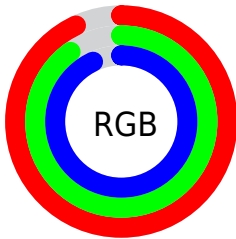
Format	Color
R _Y B	236, 230, 238
Decimal	15525614
CIE Lab	91.95, 3.44, -3.17
CIE LCh	92, 4.681, 317.391
Yxy	80.5995, 0.3117, 0.3208
Android (android.graphics.Color)	4293715694 (0xFFECE6EE)
YUV	232.7060, 2.6099, 2.8888
Hunter-Lab	89.7772, -1.3870, 1.8760

Details

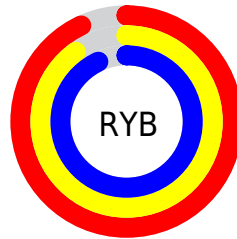
The XYZ color **78.3215, 80.5995, 92.3182** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.1391, 84.0202, 86.9661**, and the grayscale version is **77.2135, 81.2346, 88.4645**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5959, 43.7406, 50.4537** is the 20% darker color. If you saturate the color by 10%, you get **70.2025, 67.2458, 90.1698**, and if you desaturate by 10%, it is **87.4153, 95.8026, 94.7746**.

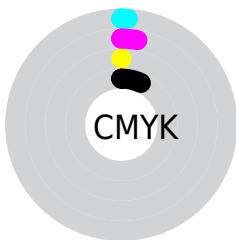
Distribution



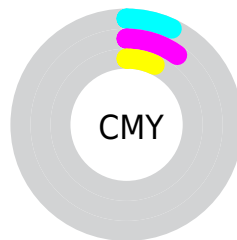
- Red (93%)
- Green (90%)
- Blue (93%)



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



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.3215, 80.5995, 92.3182 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 78.3215, 80.5995, 92.3182 by changing the saturation by 10% instead.

78.3215, 80.5995,
92.3182

78.3215, 80.5995,
92.3182

478.0811,
496.9509, 556.3069

58.6418, 60.2118,
69.3204

129.9662,
134.2083, 152.5179

42.5701, 43.5894,
50.4993

162.6619,
168.1981, 190.5568

29.7410, 30.3478,
35.4364

200.4271,
207.4908, 234.4466

19.7892, 20.1027,
23.7130

243.6270,
252.4708, 284.6058

12.3493, 12.4698,
14.9106

292.6269,
303.5224, 341.4529

7.0559, 7.0644,
8.6107

347.7924,

3.5437, 3.5024,

361.0300, 405.4064

4.3948

409.4887,
425.3780, 476.8849

■ 1.4474, 1.3993,
1.8444

■ 0.2896, 0.2162,
0.4570

■ 78.3215, 80.5995,
92.3182

■ 78.3215, 80.5995,
92.3182

■ 70.2025, 67.2458,
90.1698

■ 87.4153, 95.8026,
94.7746

■ 63.0142, 55.6579,
88.3120

■ 89.8713, 97.6326,
94.9984

■ 56.7196, 45.7614,
86.7335

■ 92.0145, 98.7375,
95.0987

■ 51.2761, 37.4721,
85.4204

■ 92.4328, 98.9531,
95.1183

■ 46.6376, 30.6990,
84.3576

■ 42.7534, 25.3414,
83.5282

■ 39.5666, 21.2866,
82.9135

■ 37.0113, 18.4039,
82.4917

■ 35.0078, 16.5352,
82.2366

Harmonies

Analogous

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



77.3005, 80.5995, 94.2302



78.3215, 80.5995, 92.3182



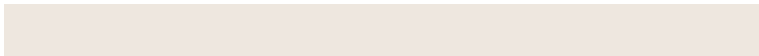
78.8857, 80.5995, 89.2125

Triad

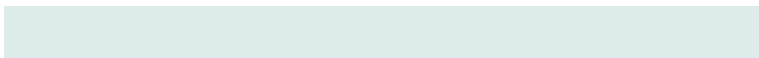
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.3215, 80.5995, 92.3182



77.1132, 80.5995, 81.4552



74.4224, 80.5995, 89.7529

Complementary

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



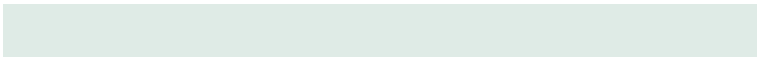
78.3215, 80.5995, 92.3182



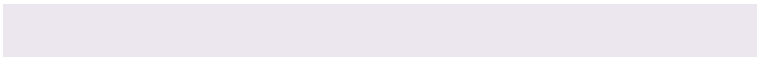
78.1391, 84.0202, 86.9661

Split Complementary

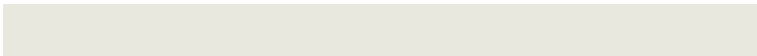
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.3734, 80.5995, 86.3217



78.3215, 80.5995, 92.3182



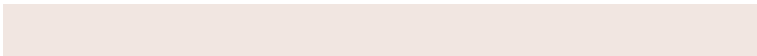
75.9185, 80.5995, 81.5913

Square

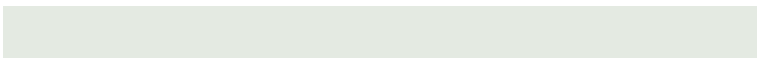
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



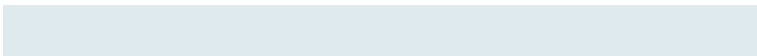
78.3215, 80.5995, 92.3182



78.1832, 80.5995, 82.9759



74.9185, 80.5995, 83.3527



75.0530, 80.5995, 92.7228

Rectangle

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



78.3215, 80.5995, 92.3182



78.9230, 80.5995, 86.9102



74.9185, 80.5995, 83.3527



74.3376, 80.5995, 88.6136

Sweetspot

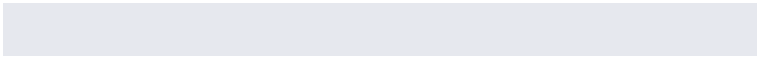
The Sweet Spot groups the original color and five complimentary colors.



78.3238, 80.6030, 92.3200



94.0076, 98.2630, 108.6197



76.9631, 80.7879, 92.4274



20.1325, 21.0506, 23.2520



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.



78.3238, 80.6030, 92.3200



90.9496, 93.1832, 107.8003



78.7188, 80.8381, 90.9148



16.9013, 17.2311, 20.1568



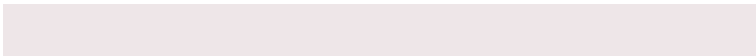
19.0382, 8.8199, 45.8269



1.6739, 0.7802, 3.8166

Inverse Universe

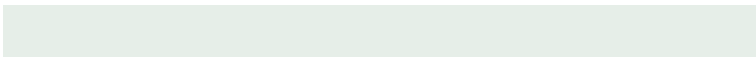
The Inverse Universe completely reimagines the original color for something new.



78.1250, 80.6006, 87.7878



90.6747, 93.1810, 101.4867



77.7571, 83.7928, 88.3234



16.8413, 17.2309, 18.7656



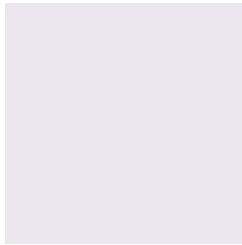
20.1630, 10.3376, 3.5092



1.7160, 0.8754, 0.4951

Previews

White Background



This preview shows how the XYZ color 78.3215, 80.5995, 92.3182 looks on a white background.

Color Contrast Check

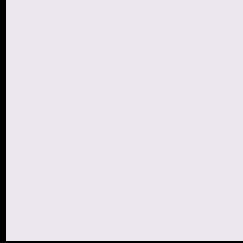
Large Text (above 18pt) WCAG AA × Fail

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 78.3215, 80.5995, 92.3182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

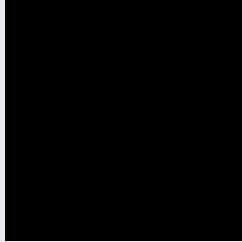
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

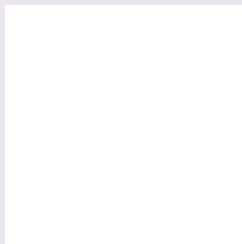
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.3215, 80.5995, 92.3182

Background



This preview shows how black text looks on a background with the XYZ color 78.3215, 80.5995, 92.3182.



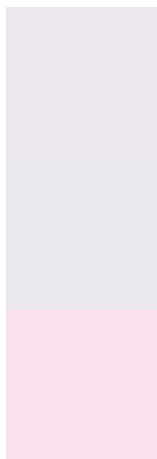
This preview shows how white text looks on a background with the XYZ color 78.3215, 80.5995,

92.3182.

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

78.3215, 80.5995, 92.3182

Protanopia

77.9402, 80.8173, 92.3803

Deuteranopia

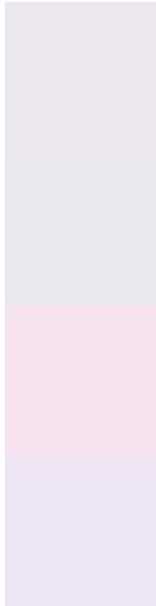
82.2889, 80.5917, 92.8800



Tritanopia

79.7329, 80.7585, 99.3813

Trichromacy



Original Color

78.3215, 80.5995, 92.3182

Protanomaly

78.2695, 80.9870, 92.3957

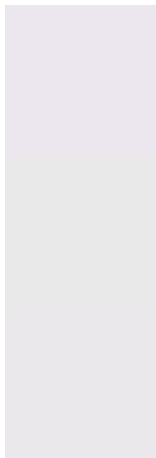
Deuteranomaly

81.0551, 80.7630, 92.9781

Tritanomaly

79.2735, 80.5748, 96.9623

Monochromacy



Original Color

78.3215, 80.5995, 92.3182

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.7837, 81.2038, 90.1715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3215, 80.5995, 92.3182 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(236, 230, 238) looks like.

```
.text, #text, p{  
    color:rgb(236, 230, 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(236, 230, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 230, 238) }
```

Border

The CSS property to change the border of an element to XYZ 78.3215, 80.5995, 92.3182 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(236, 230, 238) }
```


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

```
.border{ border-color:rgb(236, 230, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 230, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 230, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 230, 238);  
box-shadow:4px 4px 4px 4px rgb(236, 230,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3215, 80.5995, 92.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 230, 238) }
```

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

```
.background{ background-color: rgb(236,  
230, 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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