

Converting Colors

XYZ(78.4573, 78.1519, 90.7755)

Have a look what the booklet for XYZ(78.4573, 78.1519, 90.7755) contains.

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Color

**XYZ(78.5597, 78.3030,
91.0942)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E0ED
RGB	242, 224, 237
RGB Percent	95%, 88%, 93%
CMY	0.0510, 0.1215, 0.0706
CMYK	0.00, 0.07, 0.02, 0.05
HSL	317°, 41%, 91%
HSV	317°, 7%, 95%
XYZ	78.5597, 78.3030, 91.0942
YIQ	230.8640, 6.5550, 7.8590

Conversions

Conversions Part 2

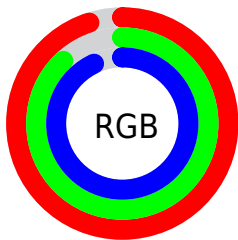
Format	Color
R _Y B	242, 224, 237
Decimal	15917293
CIE Lab	90.92, 8.38, -4.11
CIE LCh	91, 9.337, 333.861
Yxy	78.3030, 0.3168, 0.3158
Android (android.graphics.Color)	4294107373 (0xFF2E0ED)
YUV	230.8640, 3.0250, 9.7663
Hunter-Lab	88.4890, 3.6149, 0.9067

Details

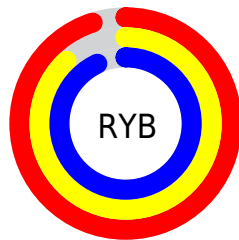
The XYZ color **78.5597, 78.3030, 91.0942** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.6385, 85.0109, 86.5024**, and the grayscale version is **75.8313, 79.7804, 86.8808**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7782, 42.1512, 49.5974** is the 20% darker color. If you saturate the color by 10%, you get **71.5497, 65.8248, 84.0018**, and if you desaturate by 10%, it is **86.5367, 92.6539, 98.6925**.

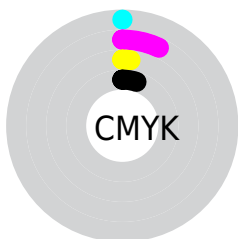
Distribution



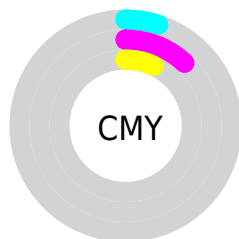
- Red (95%)
- Green (88%)
- Blue (93%)



- Red (95%)
- Yellow (88%)
- Blue (93%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (5%)



- Cyan (5%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.5597, 78.3030, 91.0942 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 78.5597, 78.3030, 91.0942 by changing the saturation by 10% instead.

78.5597, 78.3030,
91.0942

78.5597, 78.3030,
91.0942

478.8763,
489.1952, 552.2455

58.8382, 58.3229,
68.3097

130.3000,
130.9772, 150.8061

42.7288, 42.0683,
49.6815

163.0496,
164.4400, 188.5706

29.8660, 29.1548,
34.7910

200.8726,
203.1660, 232.1656

19.8844, 19.1979,
23.2196

244.1344,
247.5394, 282.0095

12.4189, 11.8134,
14.5489

293.2003,
297.9446, 338.5209

7.1038, 6.6167,
8.3604

348.4357,

3.5740, 3.2236,

354.7660, 402.1183

4.2353

410.2059,
418.3881, 473.2204

■ 1.4641, 1.2496,
1.7553

■ 0.3012, 0.1016,
0.3982

■ 78.5597, 78.3030,
91.0942

■ 78.5597, 78.3030,
91.0942

■ 71.5497, 65.8248,
84.0018

■ 86.5367, 92.6539,
98.6925

■ 65.4606, 55.1313,
77.3953

■ 89.7044, 97.3279,
104.8705

■ 60.2527, 46.1423,
71.2603

■ 90.4285, 97.6175,
108.6837

■ 55.8804, 38.7677,
65.5796

■ 52.2943, 32.9090,
60.3347

■ 49.4393, 28.4569,
55.5051

■ 47.2530, 25.2873,
51.0679

■ 45.6622, 23.2543,
46.9964

■ 44.5705, 22.1661,
43.2564

Harmonies

Analogous

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



76.9735, 78.3030, 96.4749



78.5597, 78.3030, 91.0942



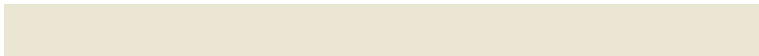
79.0296, 78.3030, 84.3894

Triad

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



78.5597, 78.3030, 91.0942



74.1205, 78.3030, 72.9756



70.7313, 78.3030, 92.6822

Complementary

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



78.5597, 78.3030, 91.0942



76.6385, 85.0109, 86.5024

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.



70.0022, 78.3030, 86.1338



78.5597, 78.3030, 91.0942



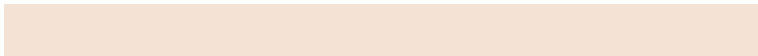
71.9327, 78.3030, 74.9473

Square

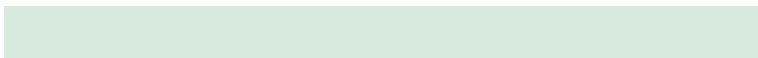
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.5597, 78.3030, 91.0942



76.4353, 78.3030, 74.1497



70.4373, 78.3030, 79.6778



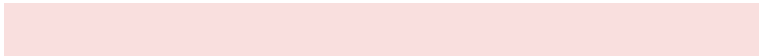
72.4496, 78.3030, 97.4251

Rectangle

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



78.5597, 78.3030, 91.0942



78.6385, 78.3030, 80.1250



70.4373, 78.3030, 79.6778



70.3640, 78.3030, 90.6070

Sweetspot

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



78.5619, 78.3064, 91.0959



93.2172, 96.6981, 107.1677



74.9352, 76.3511, 94.7934



19.9715, 20.7320, 22.9566



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.



78.5619, 78.3064, 91.0959



87.1509, 85.8175, 101.2860



77.3077, 77.8047, 84.4911



16.2560, 15.9521, 18.9043



23.8767, 11.8231, 23.0648



2.0283, 1.0004, 2.1397

Inverse Universe

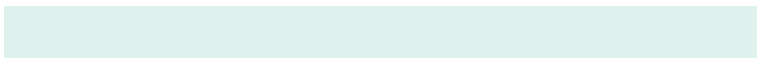
The Inverse Universe completely reimagines the original color for something new.



78.5619, 78.3064, 91.0959



87.1509, 85.8175, 101.2860



77.8984, 85.5148, 93.1372



16.2560, 15.9521, 18.9043



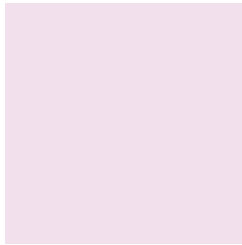
23.8767, 11.8231, 23.0648



2.0283, 1.0004, 2.1397

Previews

White Background



This preview shows how the XYZ color 78.5597, 78.3030, 91.0942 looks on a white background.

Color Contrast Check

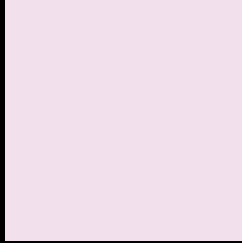
Large Text (above 18pt) WCAG AA × Fail

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 78.5597, 78.3030, 91.0942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

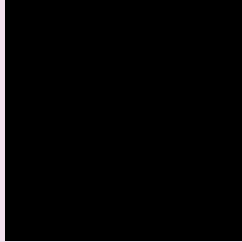
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.5597, 78.3030, 91.0942

Background



This preview shows how black text looks on a background with the XYZ color 78.5597, 78.3030, 91.0942.



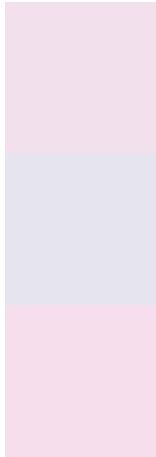
This preview shows how white text looks on a background with the XYZ color 78.5597, 78.3030,

91.0942.

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

78.5597, 78.3030, 91.0942

Protanopia

75.9565, 78.5418, 92.8181

Deuteranopia

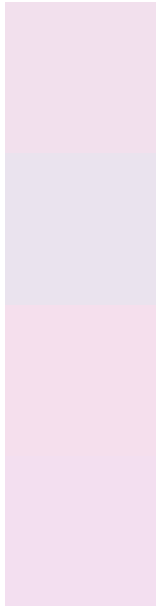
79.7651, 78.1311, 90.9975



Tritanopia

79.2270, 78.1809, 94.1338

Trichromacy



Original Color

78.5597, 78.3030, 91.0942

Protanomaly

76.8334, 78.6036, 92.0114

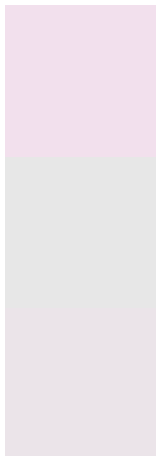
Deuteranomaly

79.3299, 78.3023, 91.0535

Tritanomaly

79.0780, 78.1213, 93.3491

Monochromacy



Original Color

78.5597, 78.3030, 91.0942

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.7123, 79.0322, 88.3024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5597, 78.3030, 91.0942 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(242, 224, 237) looks like.

```
.text, #text, p{  
    color:rgb(242, 224, 237)  
}
```

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(242, 224, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 224, 237) }
```

Border

The CSS property to change the border of an element to XYZ 78.5597, 78.3030, 91.0942 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(242, 224, 237) }
```


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

```
.border{ border-color:rgb(242, 224, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 224, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 224, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 224, 237);  
box-shadow:4px 4px 4px 4px rgb(242, 224,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5597, 78.3030, 91.0942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 224, 237) }
```

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

```
.background{ background-color: rgb(242,  
224, 237) }
```

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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