

Converting Colors

XYZ(80.3491, 78.0667, 89.8018)

Have a look what the booklet for
XYZ(80.3491, 78.0667, 89.8018)
contains.

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Color

**XYZ(80.2762, 78.0351,
89.4285)**

Conversions

Conversions Part 1

Format	Color
Hex	FADDEB
RGB	250, 221, 235
RGB Percent	98%, 87%, 92%
CMY	0.0196, 0.1333, 0.0784
CMYK	0.00, 0.12, 0.06, 0.02
HSL	331°, 74%, 92%
HSV	331°, 12%, 98%
XYZ	80.2762, 78.0351, 89.4285
YIQ	231.2670, 12.7900, 10.5020

Conversions

Conversions Part 2

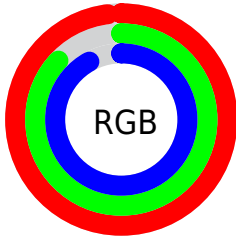
Format	Color
R _Y B	250, 221, 235
Decimal	16440811
CIE Lab	90.80, 12.30, -3.17
CIE LCh	91, 12.702, 345.558
Yxy	78.0351, 0.3240, 0.3150
Android (android.graphics.Color)	4294630891 (0xFFFA <code>DDEB</code>)
YUV	231.2670, 1.8404, 16.4288
Hunter-Lab	88.3375, 7.6203, 1.8140

Details

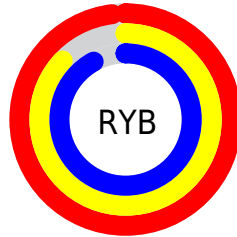
The XYZ color **80.2762, 78.0351, 89.4285** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.1478, 89.8016, 92.5232**, and the grayscale version is **76.1364, 80.1014, 87.2305**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7652, 41.8646, 48.4218** is the 20% darker color. If you saturate the color by 10%, you get **72.3600, 65.0843, 77.9041**, and if you desaturate by 10%, it is **89.3155, 93.0127, 101.9995**.

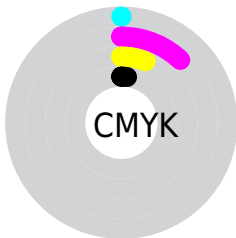
Distribution



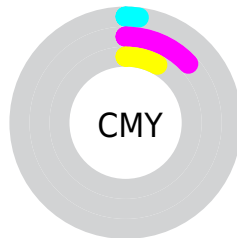
- Red (98%)
- Green (87%)
- Blue (92%)



- Red (98%)
- Yellow (87%)
- Blue (92%)



- Cyan (0%)
- Magenta (12%)
- Yellow (6%)
- Black (2%)





- Cyan (2%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.2762, 78.0351, 89.4285 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 80.2762, 78.0351, 89.4285 by changing the saturation by 10% instead.


 80.2762, 78.0351,
89.4285

 80.2762, 78.0351,
89.4285


484.5855,
488.2860, 546.6921

 60.2549, 58.1028,
66.9357


132.7025,
130.5996, 148.4729

 43.8744, 41.8913,
48.5711


165.8382,
164.0006, 185.8615

 30.7692, 29.0162,
33.9162


204.0760,
202.6600, 229.0526

 20.5742, 19.0931,
22.5524

247.7814,
246.9621, 278.4645

 12.9238, 11.7375,
14.0611

297.3197,
297.2914, 334.5159

 7.4527, 6.5652,
8.0240

353.0563,

 3.7956, 3.1917,

354.0322, 397.6252

4.0223

415.3564,
417.5689, 468.2111

■ 1.5872, 1.2326,
1.6376

■ 0.3840, 0.0881,
0.3174

■ 80.2762, 78.0351,
89.4285

■ 80.2762, 78.0351,
89.4285

■ 72.3600, 65.0843,
77.9041

■ 89.3155, 93.0127,
101.9995

■ 65.5142, 54.0624,
67.3916

■ 93.2348, 99.0642,
108.8151

■ 59.6914, 44.8785,
57.8617

■ 54.8381, 37.4304,
49.2813

■ 50.8957, 31.6060,
41.6153

■ 47.7987, 27.2795,
34.8253

■ 45.4721, 24.3066,
28.8694

■ 43.8263, 22.5140,
23.6998

■ 42.8558, 21.6966,
19.9126

Harmonies

Analogous

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



78.6406, 78.0351, 97.8836



80.2762, 78.0351, 89.4285



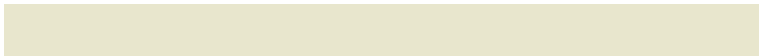
80.2436, 78.0351, 80.3375

Triad

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



80.2762, 78.0351, 89.4285



72.5354, 78.0351, 69.1278



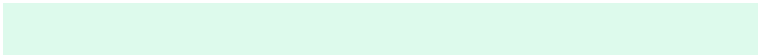
69.9534, 78.0351, 98.1498

Complementary

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



80.2762, 78.0351, 89.4285



79.1478, 89.8016, 92.5232

Split Complementary

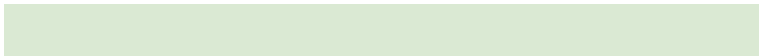
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.4109, 78.0351, 89.7709



80.2762, 78.0351, 89.4285



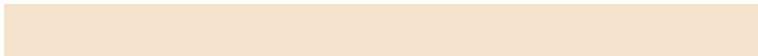
69.8722, 78.0351, 73.2397

Square

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



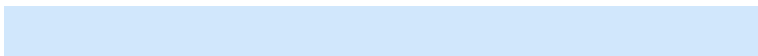
80.2762, 78.0351, 89.4285



75.7119, 78.0351, 69.0507



68.3816, 78.0351, 80.6563



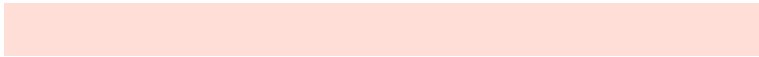
72.6492, 78.0351, 103.1584

Rectangle

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



80.2762, 78.0351, 89.4285



79.2780, 78.0351, 75.1461



68.3816, 78.0351, 80.6563



69.2863, 78.0351, 95.6082

Sweetspot

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



80.2784, 78.0385, 89.4302



92.0272, 94.9635, 104.7814



77.7013, 76.4489, 101.1043



19.5286, 20.0452, 22.1956



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

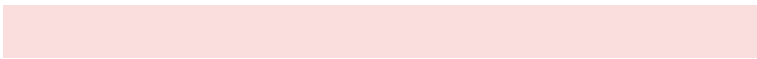
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.2784, 78.0385, 89.4302



81.8676, 78.1668, 90.5353



78.4626, 77.5166, 79.2376



17.5936, 17.3648, 19.7158



22.8038, 11.5372, 10.9411



2.1653, 1.0899, 1.2940

Inverse Universe

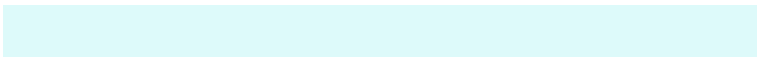
The Inverse Universe completely reimagines the original color for something new.



80.2784, 78.0385, 89.4302



81.8676, 78.1668, 90.5353



81.1122, 90.3473, 103.6072



17.5936, 17.3648, 19.7158



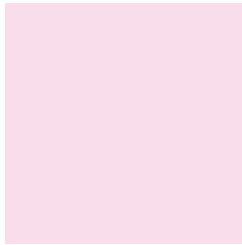
22.8038, 11.5372, 10.9411



2.1653, 1.0899, 1.2940

Previews

White Background



This preview shows how the XYZ color 80.2762, 78.0351, 89.4285 looks on a white background.

Color Contrast Check

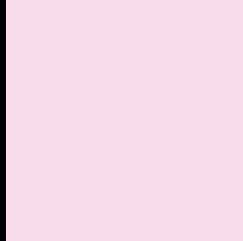
Large Text (above 18pt) WCAG AA × Fail

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 80.2762, 78.0351, 89.4285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

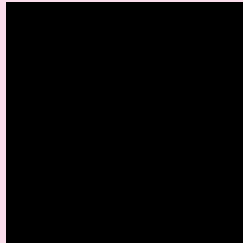
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.2762, 78.0351, 89.4285

Background



This preview shows how black text looks on a background with the XYZ color 80.2762, 78.0351, 89.4285.



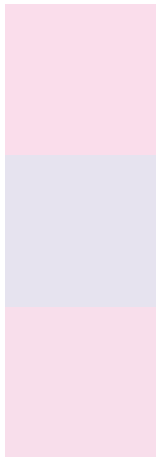
This preview shows how white text looks on a background with the XYZ color 80.2762, 78.0351,

89.4285.

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

80.2762, 78.0351, 89.4285

Protanopia

75.6822, 77.9932, 92.7267

Deuteranopia

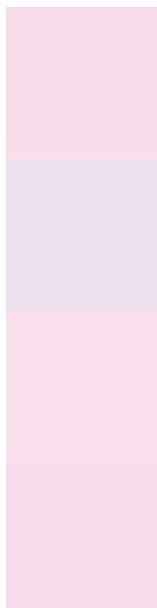
79.8281, 78.1972, 89.4834



Tritanopia

80.7134, 78.2099, 91.7309

Trichromacy



Original Color

80.2762, 78.0351, 89.4285

Protanomaly

77.2829, 78.0280, 91.8766

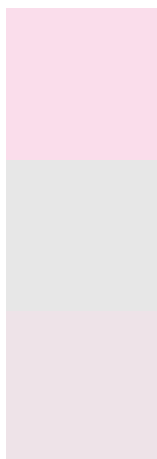
Deuteranomaly

80.1836, 78.3804, 89.5001

Tritanomaly

80.5669, 78.1513, 90.9591

Monochromacy



Original Color

80.2762, 78.0351, 89.4285

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.2945, 78.9415, 87.5073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.2762, 78.0351, 89.4285 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(250, 221, 235) looks like.

```
.text, #text, p{  
    color:rgb(250, 221, 235)  
}
```

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(250, 221, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 221, 235) }
```

Border

The CSS property to change the border of an element to XYZ 80.2762, 78.0351, 89.4285 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(250, 221, 235) }
```


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

```
.border{ border-color:rgb(250, 221, 235) }
```

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

Here you see how a box with a 4 pixel rgb(250, 221, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 221, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 221, 235);  
box-shadow:4px 4px 4px 4px rgb(250, 221,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 80.2762, 78.0351, 89.4285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 221, 235) }
```

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

```
.background{ background-color: rgb(250,  
221, 235) }
```

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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