

Converting Colors

XYZ(80.4255, 80.3054, 90.4205)

Have a look what the booklet for
XYZ(80.4255, 80.3054, 90.4205)
contains.

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Color

**XYZ(80.6154, 80.5871,
90.6629)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E3EC
RGB	246, 227, 236
RGB Percent	96%, 89%, 93%
CMY	0.0353, 0.1098, 0.0745
CMYK	0.00, 0.08, 0.04, 0.04
HSL	332°, 51%, 93%
HSV	332°, 8%, 96%
XYZ	80.6154, 80.5871, 90.6629
YIQ	233.7070, 8.4350, 6.8270

Conversions

Conversions Part 2

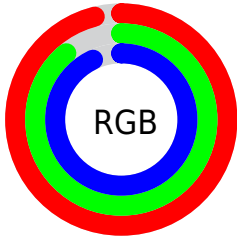
Format	Color
R _Y B	246, 227, 236
Decimal	16180204
CIE Lab	91.95, 8.00, -2.04
CIE LCh	92, 8.257, 345.696
Yxy	80.5871, 0.3201, 0.3200
Android (android.graphics.Color)	4294370284 (0xFF6E3EC)
YUV	233.7070, 1.1304, 10.7810
Hunter-Lab	89.7703, 3.1982, 2.9597

Details

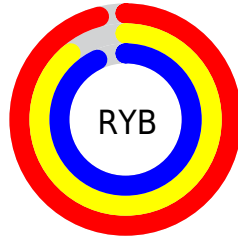
The XYZ color **80.6154, 80.5871, 90.6629** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.9234, 88.3589, 92.9675**, and the grayscale version is **77.9744, 82.0351, 89.3363**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2259, 43.7475, 49.2932** is the 20% darker color. If you saturate the color by 10%, you get **72.5486, 67.3552, 79.0256**, and if you desaturate by 10%, it is **89.7846, 95.8031, 103.3427**.

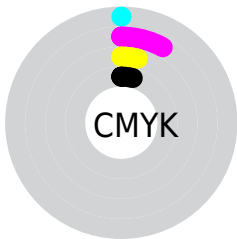
Distribution



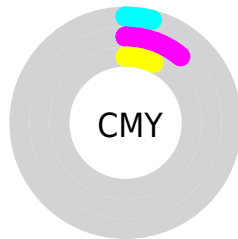
- Red (96%)
- Green (89%)
- Blue (93%)



- Red (96%)
- Yellow (89%)
- Blue (93%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (4%)





- Cyan (4%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.6154, 80.5871, 90.6629 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 80.6154, 80.5871, 90.6629 by changing the saturation by 10% instead.


 80.6154, 80.5871,
90.6629

 80.6154, 80.5871,
90.6629


485.7094,
496.9092, 550.8105

 60.5351, 60.2016,
67.9538


133.1766,
134.1909, 150.2024

 44.1012, 43.5811,
49.3937


166.3882,
168.1779, 187.8699

 30.9483, 30.3414,
34.5641


204.7076,
207.4676, 231.3605

 20.7111, 20.0978,
23.0464

248.5002,
252.4442, 281.0929

 13.0243, 12.4662,
14.4222

298.1313,
303.4924, 337.4855

 7.5224, 7.0620,
8.2728

353.9663,

 3.8401, 3.5009,

360.9963, 400.9570

4.1797

416.3705,
425.3404, 471.9258

■ 1.6121, 1.3985,
1.7244

■ 0.4003, 0.2156,
0.3774

■ 80.6154, 80.5871,
90.6629

■ 80.6154, 80.5871,
90.6629

■ 72.5486, 67.3552,
79.0256

■ 89.7846, 95.8031,
103.3427

■ 65.5337, 56.0147,
68.3970

■ 91.8165, 98.3331,
108.7487

■ 59.5268, 46.4810,
58.7487

■ 54.4777, 38.6589,
50.0488

■ 50.3320, 32.4446,
42.2634

■ 47.0293, 27.7226,
35.3562

■ 44.5014, 24.3621,
29.2871

■ 42.6683, 22.2090,
24.0119

■ 41.4242, 21.0575,
19.4763

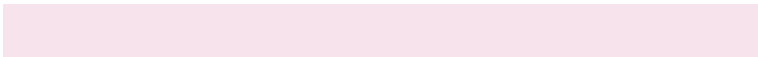
Harmonies

Analogous

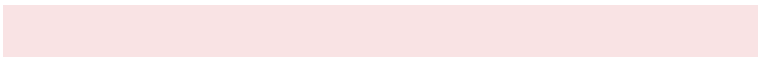
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.5511, 80.5871, 96.1583



80.6154, 80.5871, 90.6629



80.5889, 80.5871, 84.6240

Triad

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



80.6154, 80.5871, 90.6629



75.4977, 80.5871, 76.9758



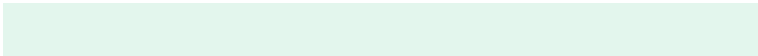
73.7825, 80.5871, 96.3716

Complementary

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



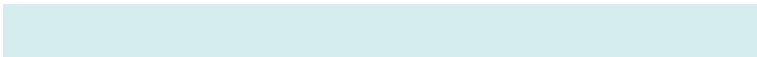
80.6154, 80.5871, 90.6629



79.9234, 88.3589, 92.9675

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.



72.7365, 80.5871, 90.9431



80.6154, 80.5871, 90.6629



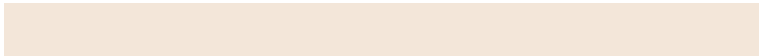
73.7142, 80.5871, 79.8386

Square

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



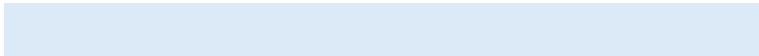
80.6154, 80.5871, 90.6629



77.6076, 80.5871, 76.9086



72.7117, 80.5871, 84.8917



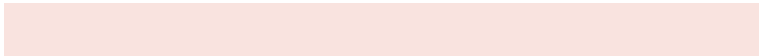
75.5925, 80.5871, 99.5558

Rectangle

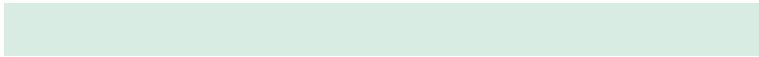
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.6154, 80.5871, 90.6629



79.9553, 80.5871, 81.1063



72.7117, 80.5871, 84.8917



73.3314, 80.5871, 94.7378

Sweetspot

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



80.6177, 80.5906, 90.6646



93.0152, 96.6174, 106.1042



78.9704, 79.5688, 98.3859



19.9304, 20.7155, 22.7401



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

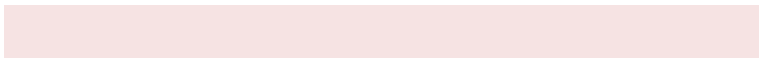
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.6177, 80.5906, 90.6646



86.2761, 85.4675, 96.6792



79.4297, 80.2541, 83.9814



16.8259, 16.6132, 18.8296



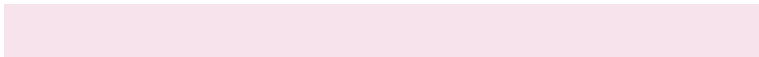
22.0541, 11.1651, 10.2592



1.9899, 1.0019, 1.1731

Inverse Universe

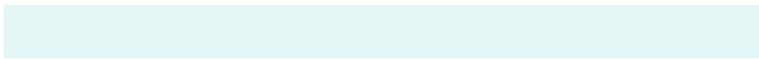
The Inverse Universe completely reimagines the original color for something new.



80.6177, 80.5906, 90.6646



86.2761, 85.4675, 96.6792



81.1751, 88.7056, 100.0333



16.8259, 16.6132, 18.8296



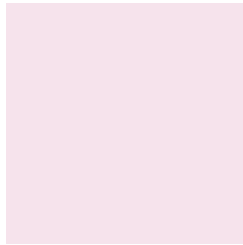
22.0541, 11.1651, 10.2592



1.9899, 1.0019, 1.1731

Previews

White Background



This preview shows how the XYZ color 80.6154, 80.5871, 90.6629 looks on a white background.

Color Contrast Check

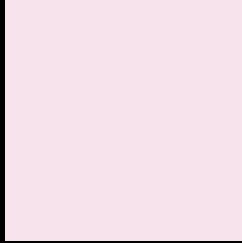
Large Text (above 18pt) WCAG AA × Fail

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 80.6154, 80.5871, 90.6629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

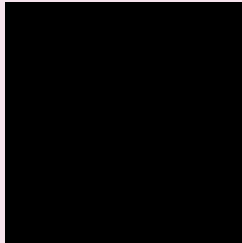
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.6154, 80.5871, 90.6629

Background



This preview shows how black text looks on a background with the XYZ color 80.6154, 80.5871, 90.6629.



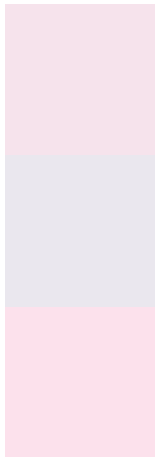
This preview shows how white text looks on a background with the XYZ color 80.6154, 80.5871,

90.6629.

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

80.6154, 80.5871, 90.6629

Protanopia

77.9402, 80.8173, 92.3803

Deuteranopia

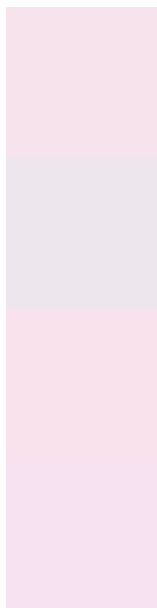
82.2104, 80.6020, 90.5817



Tritanopia

81.8833, 80.6985, 96.8486

Trichromacy



Original Color

80.6154, 80.5871, 90.6629

Protanomaly

78.8428, 80.8852, 91.5777

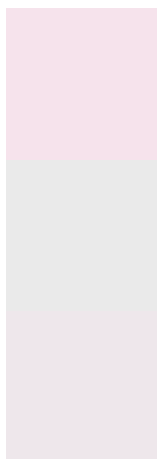
Deuteranomaly

81.7610, 80.7728, 90.6383

Tritanomaly

81.4313, 80.5177, 94.4687

Monochromacy



Original Color

80.6154, 80.5871, 90.6629

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.8312, 81.3271, 90.1401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.6154, 80.5871, 90.6629 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(246, 227, 236) looks like.

```
.text, #text, p{  
    color:rgb(246, 227, 236)  
}
```

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(246, 227, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 227, 236) }
```

Border

The CSS property to change the border of an element to XYZ 80.6154, 80.5871, 90.6629 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(246, 227, 236) }
```


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

```
.border{ border-color:rgb(246, 227, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 227, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 227, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 227, 236); box-shadow:4px 4px 4px 4px rgb(246, 227, 236) }
```

Background

The CSS property to change the background color of an element to XYZ 80.6154, 80.5871, 90.6629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 227, 236) }
```

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

```
.background{ background-color: rgb(246,  
227, 236) }
```

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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