

Converting Colors

XYZ(79.6863, 79.2950,
113.3381)

Have a look what the booklet for
XYZ(79.6863, 79.2950, 113.3381)
contains.

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Color

**XYZ(78.2014, 78.6016,
105.6577)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E2FF
RGB	231, 226, 255
RGB Percent	91%, 89%, 100%
CMY	0.0941, 0.1137, 0.0000
CMYK	0.09, 0.11, 0.00, 0.00
HSL	250°, 100%, 94%
HSV	250°, 11%, 100%
XYZ	78.2014, 78.6016, 105.6577
YIQ	230.8010, -6.3290, 10.0790

Conversions

Conversions Part 2

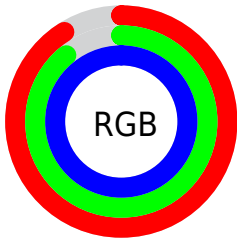
Format	Color
RYB	231, 226, 255
Decimal	15196927
CIELab	91.05, 7.08, -13.43
CIELCh	91, 15.183, 297.804
Yxy	78.6016, 0.2980, 0.2995
Android (android.graphics.Color)	4293387007 (0xFFE7E2FF)
YUV	230.8010, 11.9301, 0.1745
Hunter-Lab	88.6575, 2.2973, -8.5986

Details

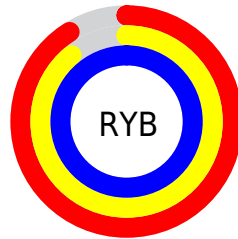
The XYZ color **78.2014, 78.6016, 105.6577** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.9135, 97.3358, 86.0566**, and the grayscale version is **75.7271, 79.6708, 86.7615**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4351, 42.3170, 59.3575** is the 20% darker color. If you saturate the color by 10%, you get **65.3706, 62.4495, 103.2163**, and if you desaturate by 10%, it is **92.8890, 97.2459, 108.4823**.

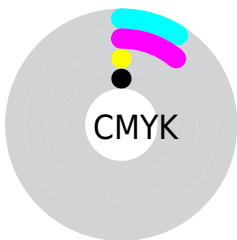
Distribution



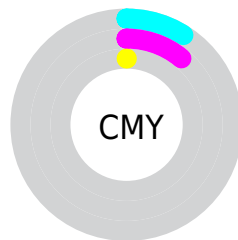
- Red (91%)
- Green (89%)
- Blue (100%)



- Red (91%)
- Yellow (89%)
- Blue (100%)



- Cyan (9%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.2014, 78.6016, 105.6577 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 78.2014, 78.6016, 105.6577 by changing the saturation by 10% instead.

78.2014, 78.6016,
105.6577

78.2014, 78.6016,
105.6577

477.6799,
490.2075, 599.5844

58.5428, 58.5683,
80.3907

129.7979,
131.3978, 171.0301

42.4901, 42.2657,
59.5119

162.4664,
164.9296, 211.9726

29.6781, 29.3094,
42.6026

200.2024,
203.7296, 258.9774

19.7412, 19.3150,
29.2443

243.3710,
248.1823, 312.4630

12.3142, 11.8981,
19.0186

292.3377,
298.6720, 372.8480

7.0318, 6.6743,
11.5068

347.4679,

3.5285, 3.2593,

355.5832, 440.5508

6.2903

409.1268,
419.3002, 515.9901

■ 1.4390, 1.2685,
2.9508

■ 0.2838, 0.1167,
1.0696

■ 78.2014, 78.6016,
105.6577

■ 78.2014, 78.6016,
105.6577

■ 65.3706, 62.4495,
103.2163

■ 92.8890, 97.2459,
108.4823

■ 54.3157, 48.6742,
101.1401

95.0500, 100.0000,
108.9000

■ 44.9595, 37.1656,
99.4118

■ 37.2161, 27.8011,
98.0124

■ 30.9924, 20.4462,
96.9208

■ 26.1851, 14.9511,
96.1135

■ 22.6777, 11.1448,
95.5637

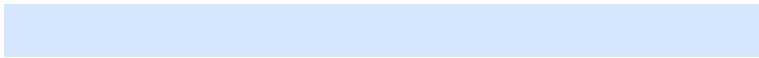
■ 20.3338, 8.8234,
95.2391

■ 19.0865, 7.7544,
95.0985

Harmonies

Analogous

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



74.4263, 78.6016, 108.4706



78.2014, 78.6016, 105.6577



81.1244, 78.6016, 97.3372

Triad

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



78.2014, 78.6016, 105.6577



78.7070, 78.6016, 68.9265



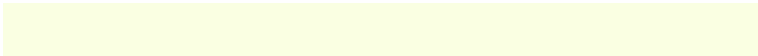
67.5790, 78.6016, 84.7772

Complementary

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



78.2014, 78.6016, 105.6577



88.9135, 97.3358, 86.0566

Split Complementary

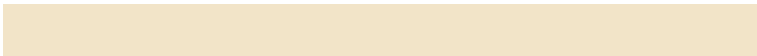
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.6401, 78.6016, 74.8168



78.2014, 78.6016, 105.6577



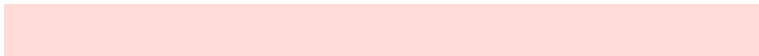
74.9913, 78.6016, 66.1665

Square

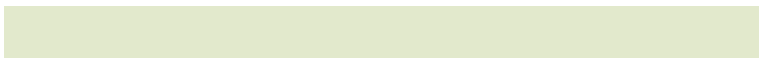
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.2014, 78.6016, 105.6577



81.4232, 78.6016, 76.1054



71.3211, 78.6016, 68.2285



68.3734, 78.6016, 95.8182

Rectangle

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



78.2014, 78.6016, 105.6577



82.1509, 78.6016, 90.1234



71.3211, 78.6016, 68.2285



67.7297, 78.6016, 81.1992

Sweetspot

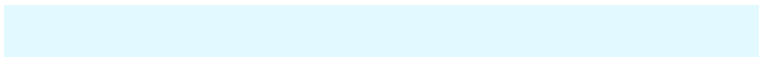
The Sweet Spot groups the original color and five complimentary colors.



78.2035, 78.6048, 105.6582



90.3667, 94.0347, 107.9954



83.6533, 91.8650, 107.9304



19.0805, 19.7944, 23.0650



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.



78.2035, 78.6048, 105.6582



74.6526, 74.1202, 104.9797



83.0209, 81.0883, 105.8837



17.2948, 17.5282, 22.7217



10.0575, 4.0953, 49.6950



1.0562, 0.4384, 4.8422

Inverse Universe

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



85.6935, 82.5578, 101.8634



83.7249, 78.9097, 100.3159



83.9708, 94.7877, 85.8253



18.6504, 18.2435, 22.0419



27.7452, 13.5874, 33.6382



2.7353, 1.3365, 3.4534

Previews

White Background



This preview shows how the XYZ color 78.2014, 78.6016, 105.6577 looks on a white background.

Color Contrast Check

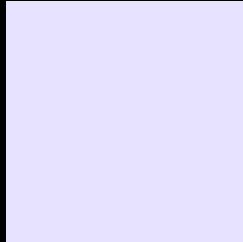
Large Text (above 18pt) WCAG AA × Fail

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 78.2014, 78.6016, 105.6577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

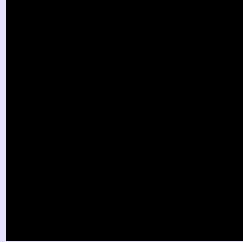
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.2014, 78.6016, 105.6577

Background



This preview shows how black text looks on a background with the XYZ color 78.2014, 78.6016, 105.6577.

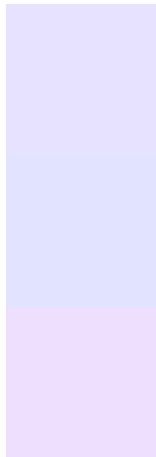


This preview shows how white text looks on a background with the XYZ color 78.2014, 78.6016,

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

78.2014, 78.6016, 105.6577

Protanopia

77.1574, 78.8756, 105.7656

Deuteranopia

80.0343, 78.3461, 105.5118



Tritanopia

76.6911, 78.7986, 98.3564

Trichromacy



Original Color

78.2014, 78.6016, 105.6577

Protanomaly

77.5140, 78.6522, 105.7037

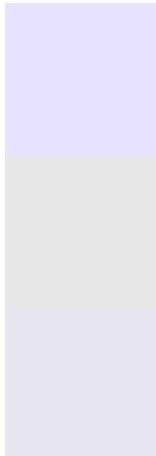
Deuteranomaly

79.2977, 78.3642, 105.5541

Tritanomaly

77.2011, 78.6007, 100.7251

Monochromacy



Original Color

78.2014, 78.6016, 105.6577

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.7025, 79.3188, 93.7055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.2014, 78.6016, 105.6577 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(231, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 226, 255)  
}
```

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(231, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 226, 255) }
```

Border

The CSS property to change the border of an element to XYZ 78.2014, 78.6016, 105.6577 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(231, 226, 255) }
```


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

```
.border{ border-color:rgb(231, 226, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 226,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2014, 78.6016, 105.6577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 226, 255) }
```

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

```
.background{ background-color: rgb(231,  
226, 255) }
```

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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