

Converting Colors

XYZ(78.7725, 83.2855,
105.6911)

Have a look what the booklet for
XYZ(78.7725, 83.2855, 105.6911)
contains.

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Color

**XYZ(78.9140, 83.5714,
105.7376)**

Conversions

Conversions Part 1

Format	Color
Hex	E0EDFE
RGB	224, 237, 254
RGB Percent	88%, 93%, 100%
CMY	0.1216, 0.0706, 0.0039
CMYK	0.12, 0.07, 0.00, 0.00
HSL	214°, 94%, 94%
HSV	214°, 12%, 100%
XYZ	78.9140, 83.5714, 105.7376
YIQ	235.0510, -13.2050, 2.5310

Conversions

Conversions Part 2

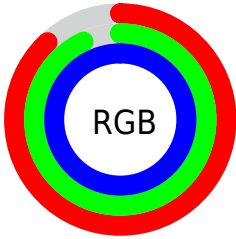
Format	Color
R _Y B	224, 233, 254
Decimal	14740990
CIE Lab	93.26, -1.03, -9.67
CIE LCh	93, 9.723, 263.942
Yxy	83.5714, 0.2942, 0.3116
Android (android.graphics.Color)	4292931070 (0xFFE0EDFE)
YUV	235.0510, 9.3419, -9.6917
Hunter-Lab	91.4174, -5.8943, -4.5854

Details

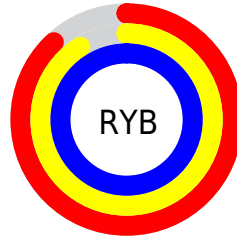
The XYZ color **78.9140, 83.5714, 105.7376** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.7833, 89.3627, 83.2500**, and the grayscale version is **78.9448, 83.0561, 90.4481**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9641, 45.5140, 59.3439** is the 20% darker color. If you saturate the color by 10%, you get **67.6222, 71.8133, 104.0645**, and if you desaturate by 10%, it is **91.7211, 96.6115, 107.5809**.

Distribution



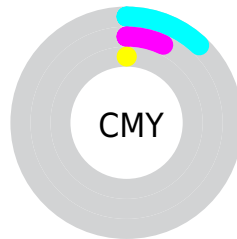
- Red (88%)
- Green (93%)
- Blue (100%)



- Red (88%)
- Yellow (91%)
- Blue (100%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.9140, 83.5714, 105.7376 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 78.9140, 83.5714, 105.7376 by changing the saturation by 10% instead.

■ 78.9140, 83.5714,
105.7376

■ 78.9140, 83.5714,
105.7376

480.0578,
506.8889, 599.8386

■ 59.1305, 62.6616,
80.4573

130.7963,
138.3755, 171.1403

■ 42.9649, 45.5675,
59.5664

163.6259,
173.0386, 212.0997

■ 30.0520, 31.9047,
42.6462

201.5348,
213.0549, 259.1227

■ 20.0263, 21.2887,
29.2783

244.8885,
258.8089, 312.6276

■ 12.5226, 13.3352,
19.0441

294.0523,
310.6848, 373.0332

■ 7.1753, 7.6598,
11.5250

349.3915,

■ 3.6193, 3.8780,

369.0672, 440.7578

6.3025

411.2716,
434.3405, 516.2201

■ 1.4891, 1.6056,
2.9581

■ 0.3184, 0.3613,
1.0733

■ 78.9140, 83.5714,
105.7376

■ 78.9140, 83.5714,
105.7376

■ 67.6222, 71.8133,
104.0645

■ 91.7211, 96.6115,
107.5809

■ 57.7784, 61.2842,
102.5510

94.8896, 99.9359,
108.0556

■ 49.3213, 51.9428,
101.1937

■ 42.1817, 43.7409,
99.9869

■ 36.2841, 36.6265,
98.9245

■ 31.5448, 30.5428,
98.0000

■ 27.8679, 25.4262,
97.2062

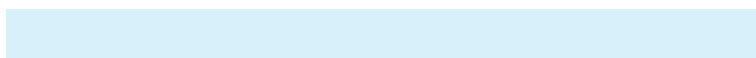
■ 25.1396, 21.2029,
96.5348

■ 23.4759, 18.3285,
96.0677

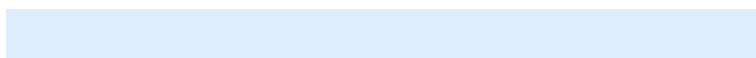
Harmonies

Analogous

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



76.5713, 83.5714, 102.8674



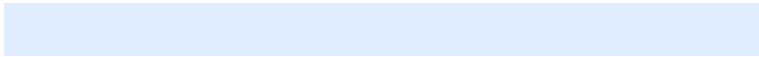
78.9140, 83.5714, 105.7376



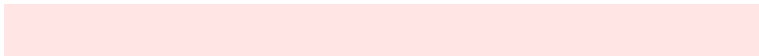
81.4453, 83.5714, 104.4896

Triad

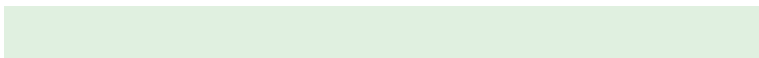
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.9140, 83.5714, 105.7376



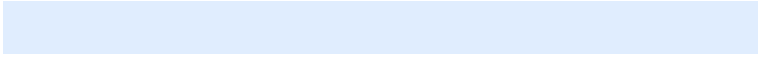
84.0139, 83.5714, 85.3962



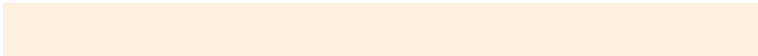
75.5209, 83.5714, 82.9511

Complementary

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



78.9140, 83.5714, 105.7376



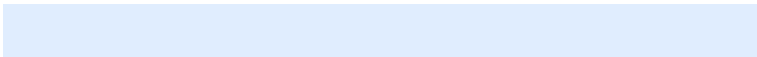
85.7833, 89.3627, 83.2500

Split Complementary

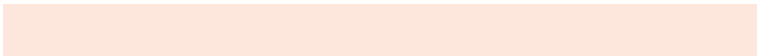
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.4523, 83.5714, 78.7154



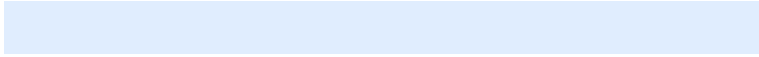
78.9140, 83.5714, 105.7376



82.3633, 83.5714, 80.0733

Square

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



78.9140, 83.5714, 105.7376



84.4255, 83.5714, 92.4902



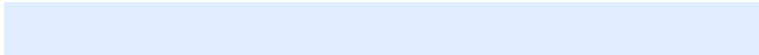
79.9525, 83.5714, 77.6908



74.6396, 83.5714, 89.5161

Rectangle

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



78.9140, 83.5714, 105.7376



82.8952, 83.5714, 101.5221



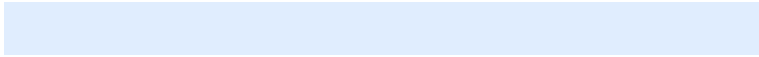
79.9525, 83.5714, 77.6908



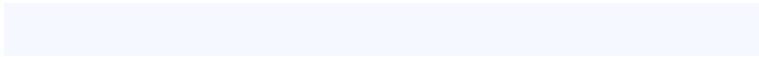
76.0668, 83.5714, 81.2221

Sweetspot

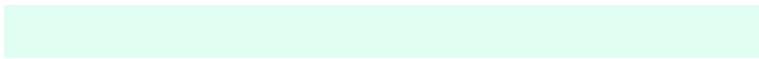
The Sweet Spot groups the original color and five complimentary colors.



78.9165, 83.5749, 105.7395



89.5805, 94.4847, 108.1237



81.9863, 93.0534, 96.4694



18.9598, 20.0067, 23.1123



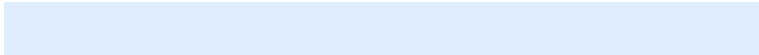
0.0000, 0.0000, 0.0000



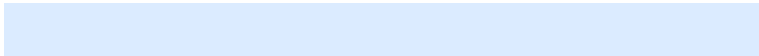
20.3446, 21.4041, 23.3091

Same Dimension

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



78.9165, 83.5749, 105.7395



76.9974, 81.6140, 106.3026



75.7540, 76.5566, 104.5515



17.6506, 18.6728, 22.9239



12.5169, 9.9433, 50.6941



1.3249, 1.1805, 4.9713

Inverse Universe

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



82.8167, 80.4983, 91.2976



81.6126, 78.0648, 89.1928



89.2239, 97.0558, 84.5535



18.3363, 18.1178, 20.3881



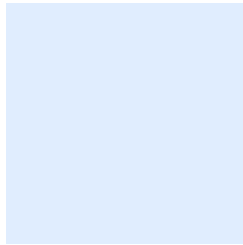
23.1061, 11.7317, 9.2093



2.3034, 1.1637, 1.1789

Previews

White Background



This preview shows how the XYZ color 78.9140, 83.5714, 105.7376 looks on a white background.

Color Contrast Check

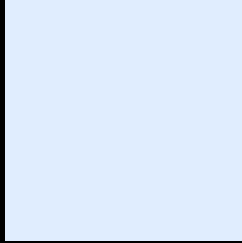
Large Text (above 18pt) WCAG AA × Fail

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 78.9140, 83.5714, 105.7376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

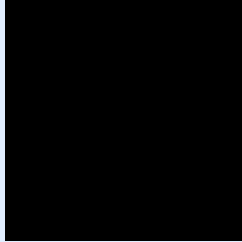
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

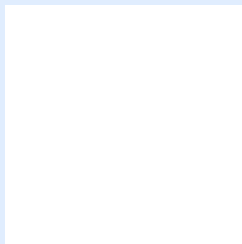
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.9140, 83.5714, 105.7376

Background



This preview shows how black text looks on a background with the XYZ color 78.9140, 83.5714, 105.7376.

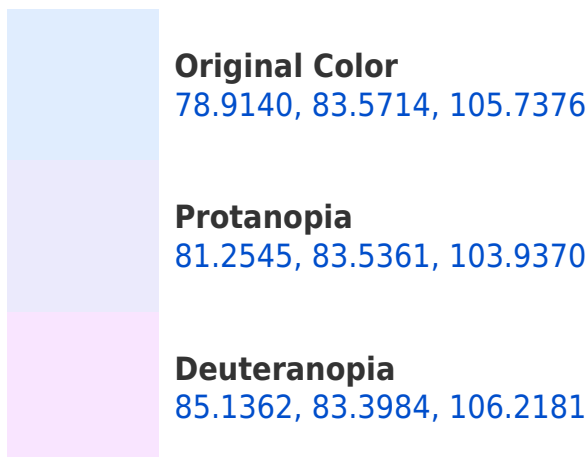


This preview shows how white text looks on a background with the XYZ color 78.9140, 83.5714,

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

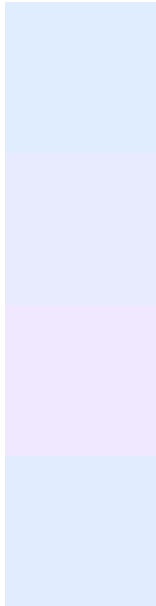




Tritanopia

79.3855, 83.7959, 106.5979

Trichromacy



Original Color

78.9140, 83.5714, 105.7376

Protanomaly

80.3930, 83.4974, 104.8080

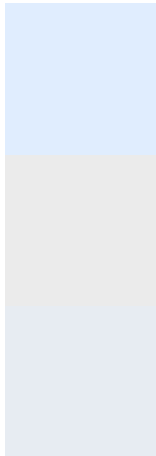
Deuteranomaly

82.8418, 83.4585, 106.3506

Tritanomaly

79.3855, 83.7959, 106.5979

Monochromacy



Original Color

78.9140, 83.5714, 105.7376

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.9775, 83.3906, 95.9378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9140, 83.5714, 105.7376 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(224, 237, 254)` looks like.

```
.text, #text, p{  
    color:rgb(224, 237, 254)  
}
```

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(224, 237, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 237, 254) }
```

Border

The CSS property to change the border of an element to XYZ 78.9140, 83.5714, 105.7376 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(224, 237, 254) }
```


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

```
.border{ border-color:rgb(224, 237, 254) }
```

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

Here you see how a box with a 4 pixel rgb(224, 237, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 237, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 237, 254);  
box-shadow:4px 4px 4px 4px rgb(224, 237,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9140, 83.5714, 105.7376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 237, 254) }
```

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

```
.background{ background-color: rgb(224,  
237, 254) }
```

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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