

Converting Colors

XYZ(79.2300, 82.5773,
106.3709)

Have a look what the booklet for
XYZ(79.2300, 82.5773, 106.3709)
contains.

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Color

**XYZ(79.1514, 82.3965,
106.3401)**

Conversions

Conversions Part 1

Format	Color
Hex	E3EAFF
RGB	227, 234, 255
RGB Percent	89%, 92%, 100%
CMY	0.1098, 0.0823, 0.0000
CMYK	0.11, 0.08, 0.00, 0.00
HSL	225°, 100%, 95%
HSV	225°, 11%, 100%
XYZ	79.1514, 82.3965, 106.3401
YIQ	234.3010, -10.9130, 5.0470

Conversions

Conversions Part 2

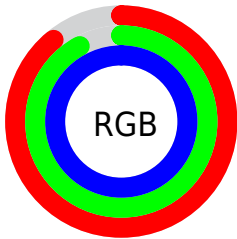
Format	Color
R _Y B	227, 233, 255
Decimal	14936831
CIE Lab	92.75, 1.66, -10.93
CIE LCh	93, 11.057, 278.645
Yxy	82.3965, 0.2955, 0.3076
Android (android.graphics.Color)	4293126911 (0xFFE3EAFF)
YUV	234.3010, 10.2046, -6.4030
Hunter-Lab	90.7725, -3.2043, -5.9175

Details

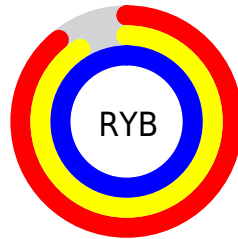
The XYZ color **79.1514, 82.3965, 106.3401** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.6720, 93.9393, 86.1334**, and the grayscale version is **78.3676, 82.4489, 89.7868**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1267, 44.6887, 59.7788** is the 20% darker color. If you saturate the color by 10%, you get **66.5434, 68.2487, 104.2738**, and if you desaturate by 10%, it is **93.5425, 98.3402, 108.6591**.

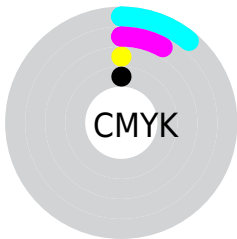
Distribution



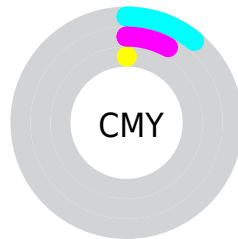
- Red (89%)
- Green (92%)
- Blue (100%)



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



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.1514, 82.3965, 106.3401 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 79.1514, 82.3965, 106.3401 by changing the saturation by 10% instead.

■ 79.1514, 82.3965,
106.3401

■ 79.1514, 82.3965,
106.3401

480.8486,
502.9730, 601.7534

■ 59.3264, 61.6924,
80.9596

131.1288,
136.7299, 171.9706

■ 43.1233, 44.7842,
59.9775

164.0118,
171.1280, 213.0576

■ 30.1768, 31.2875,
42.9753

201.9783,
210.8595, 260.2173

■ 20.1216, 20.8179,
29.5345

245.3934,
256.3089, 313.8681

■ 12.5922, 12.9909,
19.2365

294.6227,
307.8606, 374.4285

■ 7.2234, 7.4223,
11.6627

350.0314,

■ 3.6498, 3.7276,

365.8989, 442.3172

6.3947

411.9849,
430.8082, 517.9527

■ 1.5060, 1.5224,
3.0139

■ 0.3299, 0.3044,
1.1017

■ 79.1514, 82.3965,
106.3401

■ 79.1514, 82.3965,
106.3401

■ 66.5434, 68.2487,
104.2738

■ 93.5425, 98.3402,
108.6591

■ 55.6412, 55.8226,
102.4500

■ 95.0500, 100.0000,
108.9000

■ 46.3713, 45.0538,
100.8600

■ 38.6525, 35.8695,
99.4940

■ 32.3960, 28.1917,
98.3418

■ 27.5036, 21.9348,
97.3920

■ 23.8645, 17.0041,
96.6321

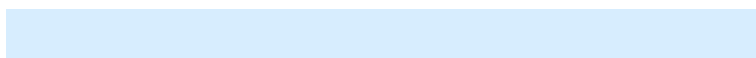
■ 21.3480, 13.2914,
96.0481

■ 19.8710, 10.8621,
95.6570

Harmonies

Analogous

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



76.3146, 82.3965, 105.3248



79.1514, 82.3965, 106.3401



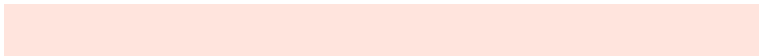
81.8276, 82.3965, 102.6920

Triad

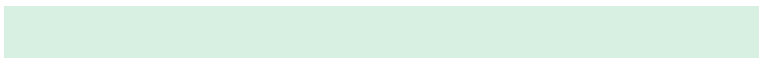
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.1514, 82.3965, 106.3401



82.7241, 82.3965, 80.1644



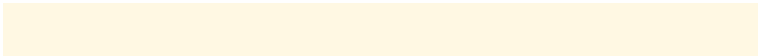
73.2664, 82.3965, 84.0593

Complementary

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



79.1514, 82.3965, 106.3401



88.6720, 93.9393, 86.1334

Split Complementary

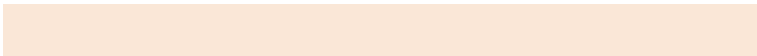
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9052, 82.3965, 77.8815



79.1514, 82.3965, 106.3401



80.3509, 82.3965, 75.7305

Square

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



79.1514, 82.3965, 106.3401



83.9233, 82.3965, 87.3511



77.4853, 82.3965, 74.9212



72.9631, 82.3965, 92.1228

Rectangle

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



79.1514, 82.3965, 106.3401



83.1441, 82.3965, 98.2306



77.4853, 82.3965, 74.9212



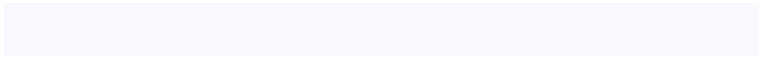
73.6774, 82.3965, 81.7078

Sweetspot

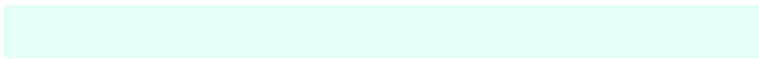
The Sweet Spot groups the original color and five complimentary colors.



79.1536, 82.3999, 106.3407



90.4885, 94.9722, 108.1699



84.3104, 94.5997, 102.2443



19.1133, 20.0463, 23.1119



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.



79.1536, 82.3999, 106.3407



76.4645, 79.3983, 105.9030



79.2990, 79.5733, 105.7874



17.3721, 18.1158, 22.8310



10.4817, 5.8731, 50.0158



1.1028, 0.7363, 4.8973

Inverse Universe

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



83.5618, 82.1403, 89.2963



81.6243, 79.1440, 85.9414



88.5027, 97.1082, 86.7539



18.1957, 18.0616, 19.6478



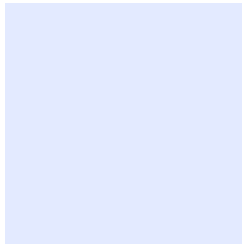
22.0789, 11.3209, 3.8000



2.1912, 1.1189, 0.5885

Previews

White Background



This preview shows how the XYZ color 79.1514, 82.3965, 106.3401 looks on a white background.

Color Contrast Check

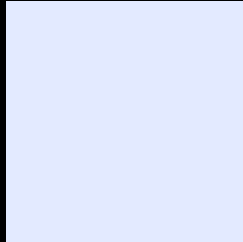
Large Text (above 18pt) WCAG AA × Fail

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 79.1514, 82.3965, 106.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

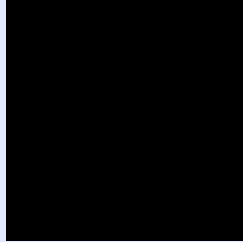
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.1514, 82.3965, 106.3401

Background



This preview shows how black text looks on a background with the XYZ color 79.1514, 82.3965, 106.3401.



This preview shows how white text looks on a background with the XYZ color 79.1514, 82.3965,

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

79.1514, 82.3965, 106.3401

Protanopia

80.0247, 82.0248, 105.3805

Deuteranopia

83.7994, 82.2996, 106.0765



Tritanopia

78.8310, 82.2684, 104.6531

Trichromacy



Original Color

79.1514, 82.3965, 106.3401

Protanomaly

79.6614, 82.2566, 105.4444

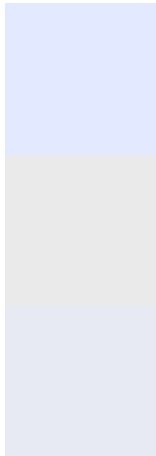
Deuteranomaly

81.9434, 82.1644, 106.1482

Tritanomaly

78.9908, 82.3323, 105.4944

Monochromacy



Original Color

79.1514, 82.3965, 106.3401

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.4048, 82.2454, 95.7470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1514, 82.3965, 106.3401 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(227, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 234, 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(227, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 234, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.1514, 82.3965, 106.3401 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(227, 234, 255) }
```


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

```
.border{ border-color:rgb(227, 234, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 234, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(227, 234,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1514, 82.3965, 106.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 234, 255) }
```

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

```
.background{ background-color: rgb(227,  
234, 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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