

Converting Colors

XYZ(76.6495, 79.6397,
100.3377)

Have a look what the booklet for
XYZ(76.6495, 79.6397, 100.3377)
contains.

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Color

**XYZ(76.6041, 79.5397,
100.1222)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E6F8
RGB	226, 230, 248
RGB Percent	89%, 90%, 97%
CMY	0.1137, 0.0980, 0.0274
CMYK	0.09, 0.07, 0.00, 0.03
HSL	229°, 61%, 93%
HSV	229°, 9%, 97%
XYZ	76.6041, 79.5397, 100.1222
YIQ	230.8560, -8.1620, 4.7500

Conversions

Conversions Part 2

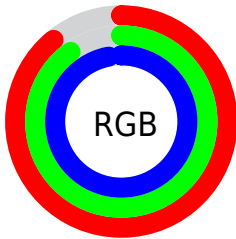
Format	Color
R _Y B	226, 229, 248
Decimal	14870264
CIE Lab	91.48, 2.04, -9.18
CIE LCh	91, 9.403, 282.541
Yxy	79.5397, 0.2989, 0.3104
Android (android.graphics.Color)	4293060344 (0xFFE2E6F8)
YUV	230.8560, 8.4520, -4.2587
Hunter-Lab	89.1850, -2.7540, -4.1315

Details

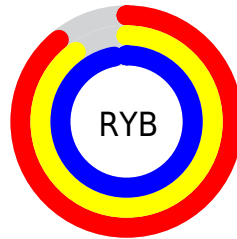
The XYZ color **76.6041, 79.5397, 100.1222** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.7898, 90.1481, 84.8843**, and the grayscale version is **75.7940, 79.7412, 86.8382**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6390, 43.1236, 55.9983** is the 20% darker color. If you saturate the color by 10%, you get **64.0623, 65.1770, 98.0122**, and if you desaturate by 10%, it is **90.9325, 95.8030, 102.5074**.

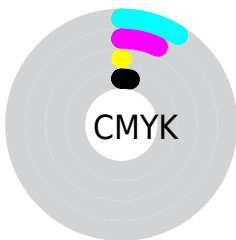
Distribution



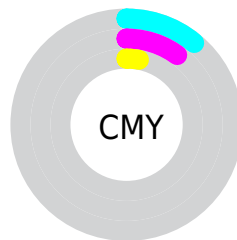
- Red (89%)
- Green (90%)
- Blue (97%)



- Red (89%)
- Yellow (90%)
- Blue (97%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (11%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.6041, 79.5397, 100.1222 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 76.6041, 79.5397, 100.1222 by changing the saturation by 10% instead.

■ 76.6041, 79.5397,
100.1222

■ 76.6041, 79.5397,
100.1222

472.3258,
493.3802, 581.8344

■ 57.2268, 59.3396,
75.7851

127.5563,
132.7184, 163.3784

■ 41.4282, 42.8866,
55.7507

159.8619,
166.4658, 203.1347

■ 28.8430, 29.7961,
39.6005

197.2076,
205.4978, 248.8678

■ 19.1057, 19.6839,
26.9158

239.9588,
250.1988, 300.9962

■ 11.8512, 12.1655,
17.2781

288.4809,
300.9531, 359.9386

■ 6.7139, 6.8565,
10.2689

343.1392,

■ 3.3286, 3.3725,

358.1452, 426.1134

5.4697

404.2990,
422.1594, 499.9391

■ 1.3298, 1.3292,
2.4619

■ 0.2054, 0.1636,
0.8199

■ 76.6041, 79.5397,
100.1222

■ 76.6041, 79.5397,
100.1222

■ 64.0623, 65.1770,
98.0122

■ 90.9325, 95.8030,
102.5074

■ 53.2294, 52.6353,
96.1623

■ 93.9435, 99.5574,
103.0734

■ 44.0327, 41.8439,
94.5641

■ 36.3912, 32.7238,
93.2065

■ 30.2168, 25.1896,
92.0777

■ 25.4127, 19.1484,
91.1648

■ 21.8698, 14.4969,
90.4537

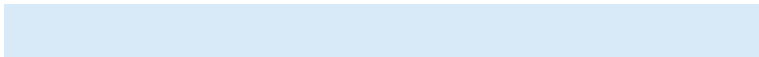
■ 19.4611, 11.1177,
89.9284

■ 18.0120, 8.8624,
89.5695

Harmonies

Analogous

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



74.2274, 79.5397, 99.8001



76.6041, 79.5397, 100.1222



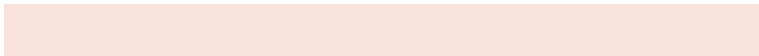
78.7554, 79.5397, 96.6864

Triad

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



76.6041, 79.5397, 100.1222



79.0428, 79.5397, 77.9938



71.2933, 79.5397, 82.7098

Complementary

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



76.6041, 79.5397, 100.1222



84.7898, 90.1481, 84.8843

Split Complementary

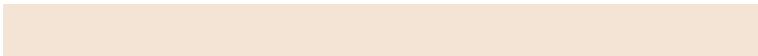
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.5302, 79.5397, 77.2503



76.6041, 79.5397, 100.1222



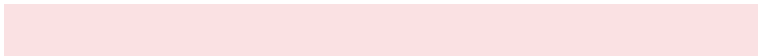
76.9896, 79.5397, 74.6278

Square

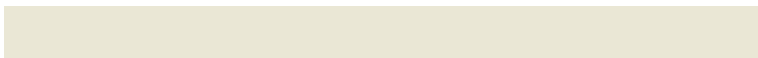
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.6041, 79.5397, 100.1222



80.1832, 79.5397, 83.7739



74.6049, 79.5397, 74.3631



71.1950, 79.5397, 89.4996

Rectangle

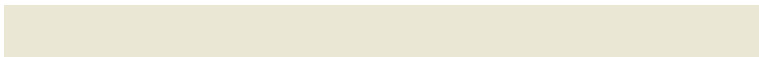
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



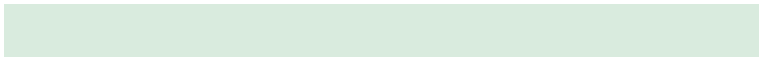
76.6041, 79.5397, 100.1222



79.7589, 79.5397, 92.8276



74.6049, 79.5397, 74.3631



71.5885, 79.5397, 80.6673

Sweetspot

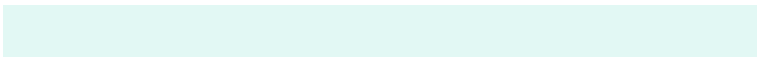
The Sweet Spot groups the original color and five complimentary colors.



76.6064, 79.5431, 100.1240



90.3274, 94.6499, 108.1162



81.2568, 89.8345, 98.6198



19.0700, 19.9597, 23.0975



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.



76.6064, 79.5431, 100.1240



78.5847, 81.2866, 106.1558



77.7344, 78.4895, 99.8611



16.5385, 17.1538, 21.8246



9.7345, 4.8246, 48.3917



0.9690, 0.5816, 4.5044

Inverse Universe

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



80.1925, 80.0640, 86.0941



83.2686, 82.0001, 87.8234



83.5832, 91.3338, 85.1767



17.3736, 17.2768, 18.5570



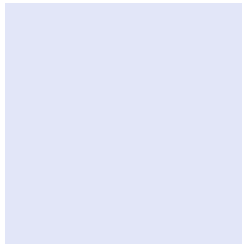
21.2056, 10.8979, 2.5250



1.9980, 1.0229, 0.4129

Previews

White Background



This preview shows how the XYZ color 76.6041, 79.5397, 100.1222 looks on a white background.

Color Contrast Check

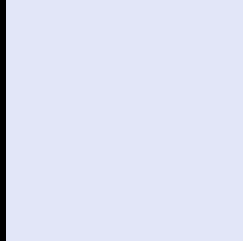
Large Text (above 18pt) WCAG AA × Fail

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 76.6041, 79.5397, 100.1222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

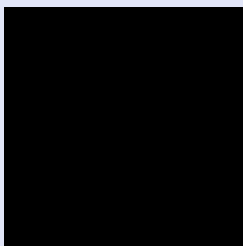
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

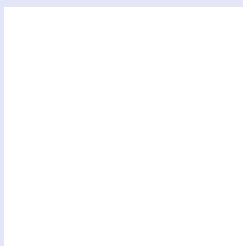
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.6041, 79.5397, 100.1222

Background



This preview shows how black text looks on a background with the XYZ color 76.6041, 79.5397, 100.1222.



This preview shows how white text looks on a background with the XYZ color 76.6041, 79.5397,

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

76.6041, 79.5397, 100.1222

Protanopia

77.4409, 79.5770, 99.2740

Deuteranopia

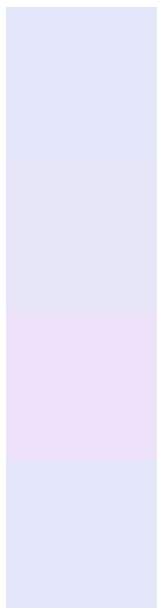
81.0628, 79.3840, 100.6727



Tritanopia

76.6041, 79.5397, 100.1222

Trichromacy



Original Color

76.6041, 79.5397, 100.1222

Protanomaly

77.1209, 79.4120, 99.2590

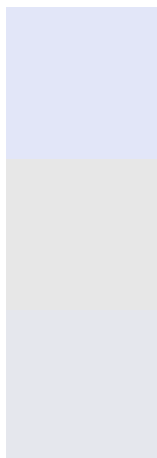
Deuteranomaly

79.2203, 79.2368, 100.7414

Tritanomaly

76.6041, 79.5397, 100.1222

Monochromacy



Original Color

76.6041, 79.5397, 100.1222

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.1751, 79.9243, 91.5328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6041, 79.5397, 100.1222 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(226, 230, 248)` looks like.

```
.text, #text, p{  
    color:rgb(226, 230, 248)  
}
```

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(226, 230, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 230, 248) }
```

Border

The CSS property to change the border of an element to XYZ 76.6041, 79.5397, 100.1222 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(226, 230, 248) }
```


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

```
.border{ border-color:rgb(226, 230, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 230, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 230, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 230, 248);  
box-shadow:4px 4px 4px 4px rgb(226, 230,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6041, 79.5397, 100.1222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 230, 248) }
```

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

```
.background{ background-color: rgb(226,  
230, 248) }
```

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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