

Converting Colors

XYZ(76.4952, 79.7407, 96.7024)

Have a look what the booklet for
XYZ(76.4952, 79.7407, 96.7024)
contains.

XYZ(76.3045, 79.4562, 96.9028)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.3045, 79.4562,
96.9028)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E6F4
RGB	227, 230, 244
RGB Percent	89%, 90%, 96%
CMY	0.1098, 0.0980, 0.0431
CMYK	0.07, 0.06, 0.00, 0.04
HSL	229°, 44%, 92%
HSV	229°, 7%, 96%
XYZ	76.3045, 79.4562, 96.9028
YIQ	230.6990, -6.2820, 3.7180

Conversions

Conversions Part 2

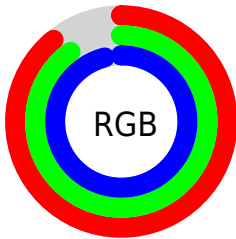
Format	Color
R _Y B	227, 230, 244
Decimal	14935796
CIE Lab	91.44, 1.60, -7.14
CIE LCh	91, 7.313, 282.611
Yxy	79.4562, 0.3020, 0.3145
Android (android.graphics.Color)	4293125876 (0xFFE3E6F4)
YUV	230.6990, 6.5574, -3.2440
Hunter-Lab	89.1382, -3.1915, -2.0578

Details

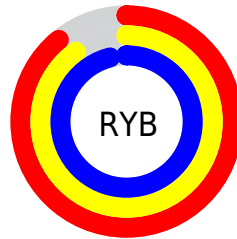
The XYZ color **76.3045, 79.4562, 96.9028** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.6288, 87.6889, 85.2451**, and the grayscale version is **75.6901, 79.6318, 86.7191**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4203, 43.0614, 53.7056** is the 20% darker color. If you saturate the color by 10%, you get **63.8755, 65.2242, 94.8121**, and if you desaturate by 10%, it is **90.4730, 95.5457, 99.2628**.

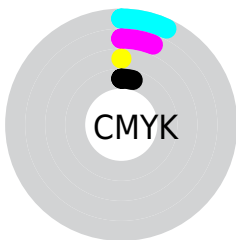
Distribution



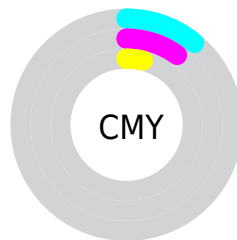
- Red (89%)
- Green (90%)
- Blue (96%)



- Red (89%)
- Yellow (90%)
- Blue (96%)



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (11%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.3045, 79.4562, 96.9028 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 76.3045, 79.4562, 96.9028 by changing the saturation by 10% instead.

■ 76.3045, 79.4562,
96.9028

■ 76.3045, 79.4562,
96.9028

471.3178,
493.0983, 571.3780

■ 56.9802, 59.2710,
73.1141

127.1353,
132.6009, 158.9089

■ 41.2294, 42.8313,
53.5769

159.3725,
166.3292, 197.9634

■ 28.6868, 29.7528,
37.8726

196.6447,
205.3406, 242.9435

■ 18.9871, 19.6510,
25.5828

239.3172,
250.0195, 294.2678

■ 11.7649, 12.1416,
16.2888

287.7554,
300.7503, 352.3549

■ 6.6549, 6.8402,
9.5722

342.3247,

■ 3.2916, 3.3624,

357.9175, 417.6233

5.0144

403.3903,
421.9053, 490.4915

■ 1.3098, 1.3237,
2.1968

■ 0.1905, 0.1595,
0.6725

■ 76.3045, 79.4562,
96.9028

■ 76.3045, 79.4562,
96.9028

■ 63.8755, 65.2242,
94.8121

■ 90.4730, 95.5457,
99.2628

■ 53.1118, 52.7726,
92.9760

■ 93.3294, 99.3117,
99.8392

■ 43.9437, 42.0336,
91.3863

■ 36.2941, 32.9312,
90.0326

■ 30.0794, 25.3835,
88.9033

■ 25.2076, 19.3015,
87.9861

■ 21.5757, 14.5867,
87.2675

■ 19.0650, 11.1279,
86.7322

■ 17.5288, 8.7932,
86.3625

Harmonies

Analogous

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



74.4566, 79.4562, 96.6646



76.3045, 79.4562, 96.9028



77.9687, 79.4562, 94.2759

Triad

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



76.3045, 79.4562, 96.9028



78.1843, 79.4562, 79.7616



72.1580, 79.4562, 83.4883

Complementary

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



76.3045, 79.4562, 96.9028



82.6288, 87.6889, 85.2451

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.



73.1245, 79.4562, 79.1908



76.3045, 79.4562, 96.9028



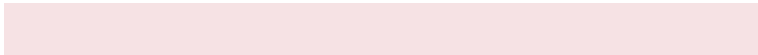
76.5949, 79.4562, 77.1007

Square

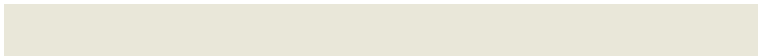
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3045, 79.4562, 96.9028



79.0660, 79.4562, 84.2966



74.7424, 79.4562, 76.8961



72.0831, 79.4562, 88.7706

Rectangle

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



76.3045, 79.4562, 96.9028



78.7419, 79.4562, 91.3137



74.7424, 79.4562, 76.8961



72.3886, 79.4562, 81.8861

Sweetspot

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



76.3068, 79.4596, 96.9046



91.8736, 96.3957, 108.3717



79.8903, 87.3774, 95.7838



19.6980, 20.6704, 23.2015



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.



76.3068, 79.4596, 96.9046



82.8131, 86.0822, 106.8586



77.2028, 78.6913, 96.7090



15.8179, 16.4000, 20.8744



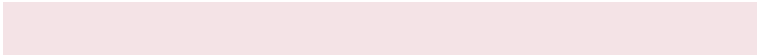
9.4197, 4.6331, 46.9358



0.8929, 0.5371, 4.1469

Inverse Universe

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



79.0620, 79.8860, 86.1194



86.2966, 86.6329, 93.2199



81.6844, 88.5328, 85.4577



16.6186, 16.5303, 17.7383



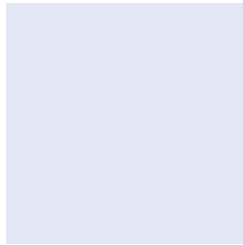
20.5591, 10.5671, 2.3868



1.8397, 0.9419, 0.3824

Previews

White Background



This preview shows how the XYZ color 76.3045, 79.4562, 96.9028 looks on a white background.

Color Contrast Check

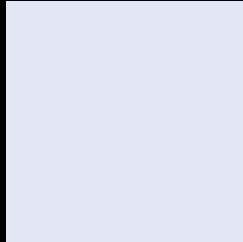
Large Text (above 18pt) WCAG AA × Fail

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 76.3045, 79.4562, 96.9028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

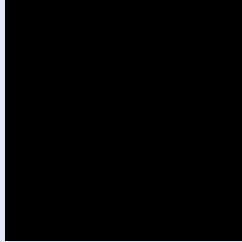
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

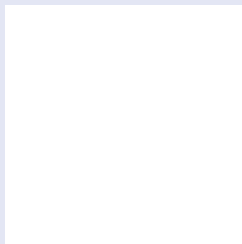
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.3045, 79.4562, 96.9028

Background



This preview shows how black text looks on a background with the XYZ color 76.3045, 79.4562, 96.9028.



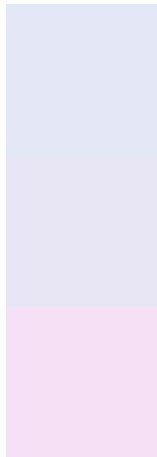
This preview shows how white text looks on a background with the XYZ color 76.3045, 79.4562,

96.9028.

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

76.3045, 79.4562, 96.9028

Protanopia

77.1520, 79.4986, 96.0724

Deuteranopia

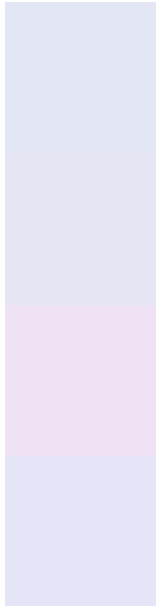
81.1431, 79.4967, 97.4539



Tritanopia

76.9575, 79.3099, 100.0592

Trichromacy



Original Color

76.3045, 79.4562, 96.9028

Protanomaly

76.8301, 79.3327, 96.0574

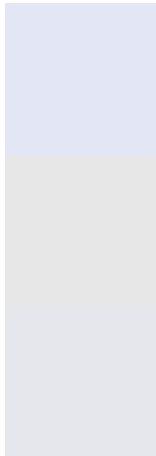
Deuteranomaly

79.2744, 79.3360, 97.5214

Tritanomaly

76.8027, 79.2480, 99.2441

Monochromacy



Original Color

76.3045, 79.4562, 96.9028

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.3494, 80.0310, 90.7804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3045, 79.4562, 96.9028 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, 230, 244) looks like.

```
.text, #text, p{  
    color:rgb(227, 230, 244)  
}
```

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, 230, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 230, 244) }
```

Border

The CSS property to change the border of an element to XYZ 76.3045, 79.4562, 96.9028 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, 230, 244) }
```


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

```
.border{ border-color:rgb(227, 230, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 230, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 230, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 230, 244);  
box-shadow:4px 4px 4px 4px rgb(227, 230,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3045, 79.4562, 96.9028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 230, 244) }
```

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

```
.background{ background-color: rgb(227,  
230, 244) }
```

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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