

Converting Colors

XYZ(74.1031, 79.7023, 93.9481)

Have a look what the booklet for
XYZ(74.1031, 79.7023, 93.9481)
contains.

XYZ(74.0805, 79.6292, 93.9036)	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(74.0805, 79.6292,
93.9036)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE9F0
RGB	219, 233, 240
RGB Percent	86%, 91%, 94%
CMY	0.1412, 0.0863, 0.0588
CMYK	0.09, 0.03, 0.00, 0.06
HSL	200°, 41%, 90%
HSV	200°, 9%, 94%
XYZ	74.0805, 79.6292, 93.9036
YIQ	229.6120, -10.5910, -0.7910

Conversions

Conversions Part 2

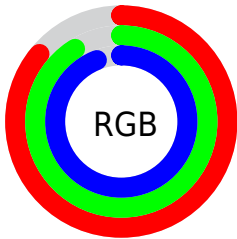
Format	Color
R _Y B	219, 227, 240
Decimal	14412272
CIE Lab	91.52, -3.30, -5.00
CIE LCh	92, 5.987, 236.565
Yxy	79.6292, 0.2992, 0.3216
Android (android.graphics.Color)	4292602352 (0xFFDBE9F0)
YUV	229.6120, 5.1213, -9.3067
Hunter-Lab	89.2352, -7.9760, 0.0728

Details

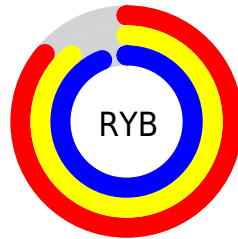
The XYZ color **74.0805, 79.6292, 93.9036** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.9180, 78.0318, 78.0794**, and the grayscale version is **74.8980, 78.7986, 85.8116**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6837, 42.7975, 51.5166** is the 20% darker color. If you saturate the color by 10%, you get **65.1623, 71.7492, 92.8539**, and if you desaturate by 10%, it is **84.1469, 88.2577, 95.0398**.

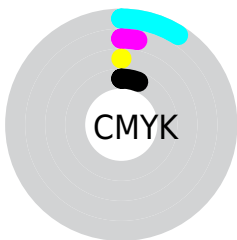
Distribution



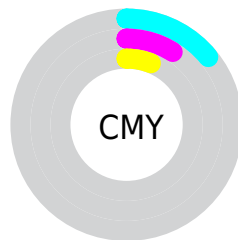
- Red (86%)
- Green (91%)
- Blue (94%)



- Red (86%)
- Yellow (89%)
- Blue (94%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (14%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0805, 79.6292, 93.9036 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 74.0805, 79.6292, 93.9036 by changing the saturation by 10% instead.

■ 74.0805, 79.6292,
93.9036

■ 74.0805, 79.6292,
93.9036

463.7972,
493.6823, 561.5434

■ 55.1514, 59.4133,
70.6309

124.0048,
132.8443, 154.7315

■ 39.7573, 42.9459,
51.5611

155.7308,
166.6122, 193.1239

■ 27.5327, 29.8427,
36.2755

192.4531,
205.6663, 237.3932

■ 18.1124, 19.7192,
24.3557

234.5371,
250.3909, 287.9581

■ 11.1309, 12.1911,
15.3830

282.3481,
301.1704, 345.2370

■ 6.2229, 6.8740,
8.9391

336.2516,

■ 3.0230, 3.3834,

358.3892, 409.6485

4.6052

396.6128,
422.4317, 481.6111

■ 1.1659, 1.3350,
1.9629

■ 0.0792, 0.1681,
0.5323

■ 74.0805, 79.6292,
93.9036

■ 74.0805, 79.6292,
93.9036

■ 65.1623, 71.7492,
92.8539

■ 84.1469, 88.2577,
95.0398

■ 57.3397, 64.5821,
91.8828

■ 90.8432, 95.3010,
96.0463

■ 50.5661, 58.1041,
90.9894

■ 92.7284, 99.0714,
96.6747

■ 44.7887, 52.2858,
90.1709

■ 39.9498, 47.0954,
89.4241

■ 35.9853, 42.4976,
88.7456

■ 32.8225, 38.4529,
88.1315

■ 30.3755, 34.9144,
87.5775

■ 28.5182, 31.8152,
87.0772

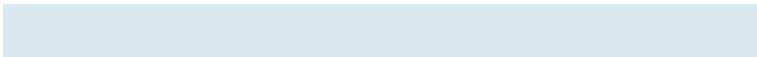
Harmonies

Analogous

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



73.0918, 79.6292, 90.5140



74.0805, 79.6292, 93.9036



75.5096, 79.6292, 95.3612

Triad

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



74.0805, 79.6292, 93.9036



78.6510, 79.6292, 87.2069



74.3809, 79.6292, 79.4041

Complementary

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



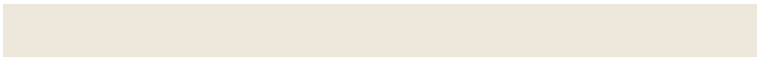
74.0805, 79.6292, 93.9036



75.9180, 78.0318, 78.0794

Split Complementary

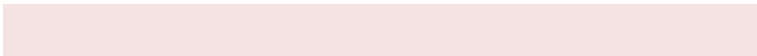
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.8610, 79.6292, 78.5847



74.0805, 79.6292, 93.9036



78.3391, 79.6292, 82.9998

Square

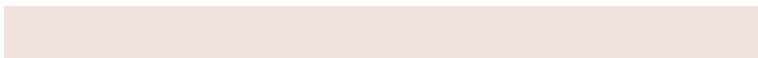
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



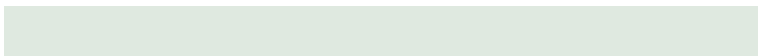
74.0805, 79.6292, 93.9036



78.1594, 79.6292, 91.4140



77.3128, 79.6292, 79.8796



73.2637, 79.6292, 82.1560

Rectangle

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



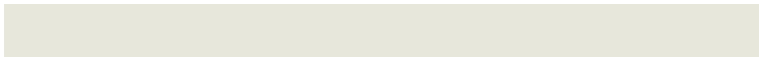
74.0805, 79.6292, 93.9036



76.5245, 79.6292, 95.0063



77.3128, 79.6292, 79.8796



74.8520, 79.6292, 78.8976

Sweetspot

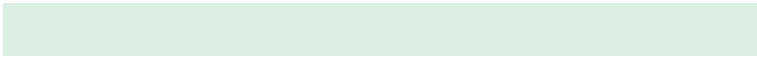
The Sweet Spot groups the original color and five complimentary colors.



74.0828, 79.6326, 93.9054



91.4836, 96.9625, 108.5017



74.0543, 82.8534, 83.7905



19.3817, 20.5830, 23.2014



0.0000, 0.0000, 0.0000



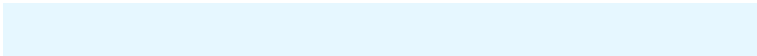
20.3446, 21.4041, 23.3091

Same Dimension

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



74.0828, 79.6326, 93.9054



83.6323, 90.1792, 107.6062



71.2905, 74.0479, 92.9746



15.7779, 16.9900, 20.1694



15.6225, 17.4692, 47.6764



1.3906, 1.6353, 3.9966

Inverse Universe

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



75.9765, 75.0730, 87.5809



86.1100, 84.2606, 99.3207



78.7613, 83.7184, 79.0272



16.2173, 15.9367, 18.7008



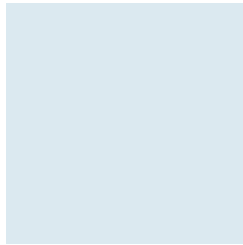
23.2111, 11.5569, 19.5602



1.9769, 0.9798, 1.8691

Previews

White Background



This preview shows how the XYZ color 74.0805, 79.6292, 93.9036 looks on a white background.

Color Contrast Check

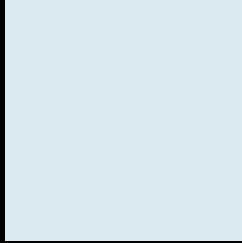
Large Text (above 18pt) WCAG AA × Fail

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 74.0805, 79.6292, 93.9036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

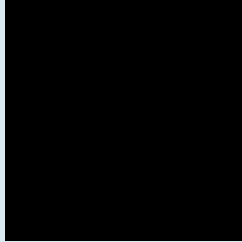
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

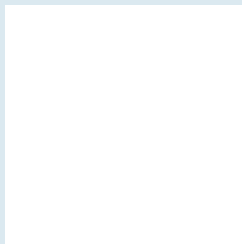
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0805, 79.6292, 93.9036

Background



This preview shows how black text looks on a background with the XYZ color 74.0805, 79.6292, 93.9036.

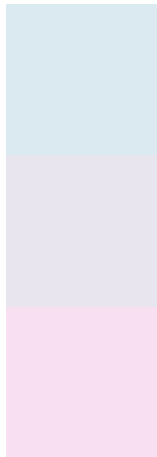


This preview shows how white text looks on a background with the XYZ color 74.0805, 79.6292,

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

74.0805, 79.6292, 93.9036

Protanopia

76.7306, 79.3675, 92.1642

Deuteranopia

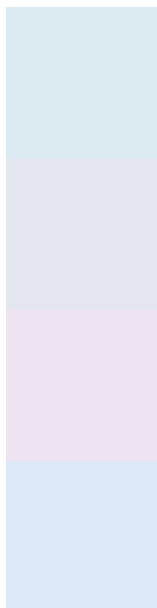
81.3941, 79.6786, 95.0940



Tritanopia

75.6500, 79.4261, 101.7861

Trichromacy



Original Color

74.0805, 79.6292, 93.9036

Protanomaly

75.5554, 79.1565, 92.9579

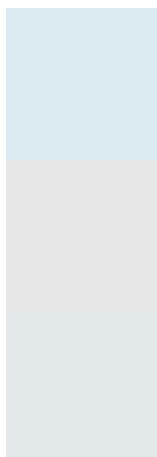
Deuteranomaly

78.2713, 79.2936, 94.3989

Tritanomaly

75.0064, 79.5827, 98.5965

Monochromacy



Original Color

74.0805, 79.6292, 93.9036

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.7912, 79.2611, 89.1989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0805, 79.6292, 93.9036 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(219, 233, 240) looks like.

```
.text, #text, p{  
    color:rgb(219, 233, 240)  
}
```

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(219, 233, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 233, 240) }
```

Border

The CSS property to change the border of an element to XYZ 74.0805, 79.6292, 93.9036 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(219, 233, 240) }
```


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

```
.border{ border-color:rgb(219, 233, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 233, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 233, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 233, 240);  
box-shadow:4px 4px 4px 4px rgb(219, 233,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0805, 79.6292, 93.9036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 233, 240) }
```

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

```
.background{ background-color: rgb(219,  
233, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor