

Converting Colors

XYZ(73.6156, 78.7884, 94.1000)

Have a look what the booklet for
XYZ(73.6156, 78.7884, 94.1000)
contains.

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Color

**XYZ(73.7982, 79.0646,
93.8095)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE8F0
RGB	219, 232, 240
RGB Percent	86%, 91%, 94%
CMY	0.1412, 0.0902, 0.0588
CMYK	0.09, 0.03, 0.00, 0.06
HSL	203°, 41%, 90%
HSV	203°, 9%, 94%
XYZ	73.7982, 79.0646, 93.8095
YIQ	229.0250, -10.3160, -0.2680

Conversions

Conversions Part 2

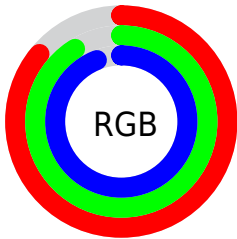
Format	Color
R _Y B	219, 227, 240
Decimal	14412016
CIE Lab	91.26, -2.79, -5.37
CIE LCh	91, 6.051, 242.587
Yxy	79.0646, 0.2992, 0.3205
Android (android.graphics.Color)	4292602096 (0xFFDBE8F0)
YUV	229.0250, 5.4107, -8.7919
Hunter-Lab	88.9183, -7.4600, -0.3086

Details

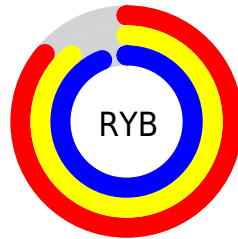
The XYZ color **73.7982, 79.0646, 93.8095** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.1907, 78.5773, 78.1704**, and the grayscale version is **74.4634, 78.3413, 85.3137**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4869, 42.4039, 51.4510** is the 20% darker color. If you saturate the color by 10%, you get **64.5865, 70.5977, 92.6620**, and if you desaturate by 10%, it is **84.1892, 88.3423, 95.0538**.

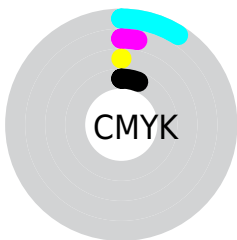
Distribution



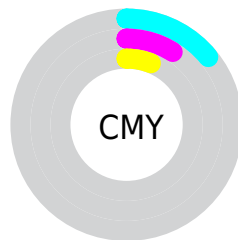
- Red (86%)
- Green (91%)
- Blue (94%)



- 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 73.7982, 79.0646, 93.8095 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 73.7982, 79.0646, 93.8095 by changing the saturation by 10% instead.

■ 73.7982, 79.0646,
93.8095

■ 73.7982, 79.0646,
93.8095

462.8377,
491.7749, 561.2333

■ 54.9196, 58.9489,
70.5531

123.6067,
132.0498, 154.6002

■ 39.5709, 42.5720,
51.4980

155.2674,
165.6881, 192.9717

■ 27.3869, 29.5494,
36.2256

191.9194,
204.6028, 237.2186

■ 18.0021, 19.4969,
24.3174

233.9281,
249.1781, 287.7594

■ 11.0512, 12.0298,
15.3549

281.6590,
299.7986, 345.0128

■ 6.1688, 6.7640,
8.9194

335.4773,

■ 2.9896, 3.3150,

356.8487, 409.3972

4.5926

395.7484,
420.7126, 481.3312

■ 1.1483, 1.2983,
1.9557

■ 0.0649, 0.1399,
0.5279

■ 73.7982, 79.0646,
93.8095

■ 73.7982, 79.0646,
93.8095

■ 64.5865, 70.5977,
92.6620

■ 84.1892, 88.3423,
95.0538

■ 56.5010, 62.9049,
91.6032

■ 91.2420, 96.0985,
96.1792

■ 49.4944, 55.9608,
90.6322

■ 92.7284, 99.0714,
96.6747

■ 43.5131, 49.7346,
89.7457

■ 38.4987, 44.1932,
88.9404

■ 34.3864, 39.2997,
88.2126

■ 31.1025, 35.0129,
87.5582

■ 28.5605, 31.2845,
86.9725

■ 26.6334, 28.0457,
86.4489

Harmonies

Analogous

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



72.6897, 79.0646, 90.7198



73.7982, 79.0646, 93.8095



75.2818, 79.0646, 94.8087

Triad

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



73.7982, 79.0646, 93.8095



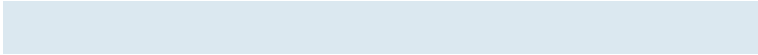
78.1349, 79.0646, 85.7071



73.5705, 79.0646, 79.1622

Complementary

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



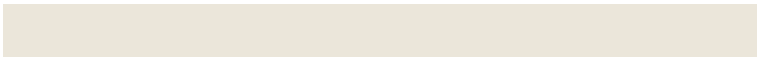
73.7982, 79.0646, 93.8095



76.1907, 78.5773, 78.1704

Split Complementary

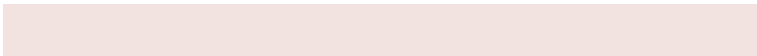
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0154, 79.0646, 77.9190



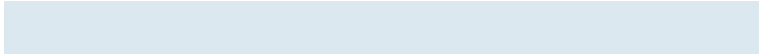
73.7982, 79.0646, 93.8095



77.6622, 79.0646, 81.6164

Square

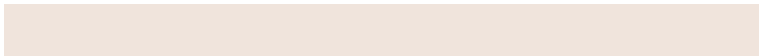
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7982, 79.0646, 93.8095



77.7984, 79.0646, 90.0375



76.5152, 79.0646, 78.8021



72.5595, 79.0646, 82.2556

Rectangle

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



73.7982, 79.0646, 93.8095



76.2875, 79.0646, 94.1283



76.5152, 79.0646, 78.8021



74.0209, 79.0646, 78.5189

Sweetspot

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



73.8005, 79.0679, 93.8112



91.3691, 96.7333, 108.4635



74.1985, 82.9111, 84.5502



19.3507, 20.5211, 23.1910



0.0000, 0.0000, 0.0000



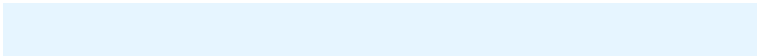
20.3446, 21.4041, 23.3091

Same Dimension

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



73.8005, 79.0679, 93.8112



83.2631, 89.4409, 107.4831



71.0111, 73.4891, 92.8814



15.7124, 16.8590, 20.1476



14.5921, 15.4084, 47.3329



1.3096, 1.4732, 3.9696

Inverse Universe

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



75.8340, 75.0160, 86.8305



85.9236, 84.1860, 98.3394



79.0647, 84.3253, 79.1284



16.1843, 15.9234, 18.5267



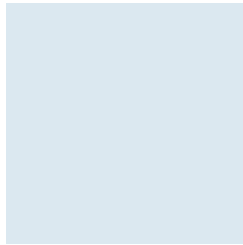
22.6910, 11.3488, 16.8214



1.9360, 0.9634, 1.6537

Previews

White Background



This preview shows how the XYZ color 73.7982, 79.0646, 93.8095 looks on a white background.

Color Contrast Check

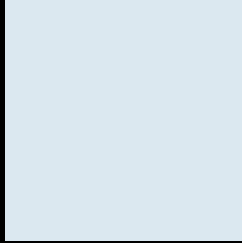
Large Text (above 18pt) WCAG AA × Fail

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 73.7982, 79.0646, 93.8095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

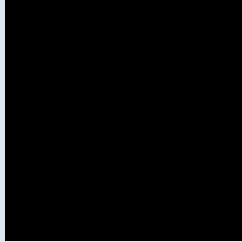
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

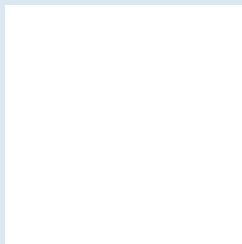
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7982, 79.0646, 93.8095

Background



This preview shows how black text looks on a background with the XYZ color 73.7982, 79.0646, 93.8095.

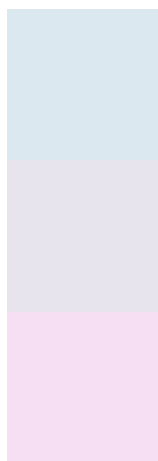


This preview shows how white text looks on a background with the XYZ color 73.7982, 79.0646,

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

73.7982, 79.0646, 93.8095

Protanopia

76.1310, 78.6488, 92.0571

Deuteranopia

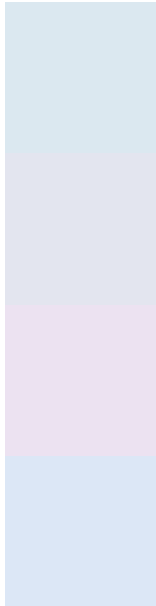
80.4207, 78.7790, 94.9716



Tritanopia

75.4936, 79.3635, 100.9623

Trichromacy



Original Color

73.7982, 79.0646, 93.8095

Protanomaly

75.2779, 78.6015, 92.8654

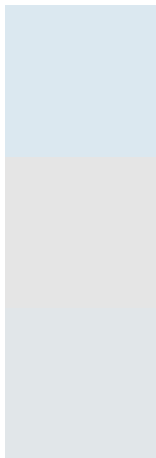
Deuteranomaly

77.6656, 78.5765, 94.2924

Tritanomaly

74.7257, 79.0213, 98.5029

Monochromacy



Original Color

73.7982, 79.0646, 93.8095

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.0561, 78.4844, 88.3366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7982, 79.0646, 93.8095 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, 232, 240)` looks like.

```
.text, #text, p{  
    color:rgb(219, 232, 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, 232, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 232, 240) }
```

Border

The CSS property to change the border of an element to XYZ 73.7982, 79.0646, 93.8095 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, 232, 240) }
```


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

```
.border{ border-color:rgb(219, 232, 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, 232, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 232, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 232, 240);  
box-shadow:4px 4px 4px 4px rgb(219, 232,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7982, 79.0646, 93.8095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 232, 240) }
```

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

```
.background{ background-color: rgb(219,  
232, 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](#).

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