

Converting Colors

XYZ(74.0236, 79.9874, 95.7872)

Have a look what the booklet for
XYZ(74.0236, 79.9874, 95.7872)
contains.

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Color

**XYZ(74.0651, 80.0082,
95.5439)**

Conversions

Conversions Part 1

Format	Color
Hex	D9EAF2
RGB	217, 234, 242
RGB Percent	85%, 92%, 95%
CMY	0.1490, 0.0823, 0.0510
CMYK	0.10, 0.03, 0.00, 0.05
HSL	199°, 49%, 90%
HSV	199°, 10%, 95%
XYZ	74.0651, 80.0082, 95.5439
YIQ	229.8290, -12.7000, -1.1160

Conversions

Conversions Part 2

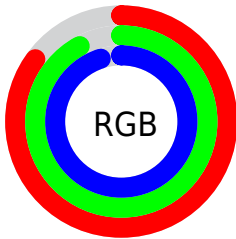
Format	Color
R _Y B	217, 227, 242
Decimal	14281458
CIE Lab	91.69, -4.06, -5.80
CIE LCh	92, 7.086, 234.998
Yxy	80.0082, 0.2967, 0.3205
Android (android.graphics.Color)	4292471538 (0xFFD9EAF2)
YUV	229.8290, 6.0003, -11.2510
Hunter-Lab	89.4473, -8.7293, -0.7180

Details

The XYZ color **74.0651, 80.0082, 95.5439** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.0679, 77.7369, 76.6425**, and the grayscale version is **75.0531, 78.9617, 85.9893**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6836, 43.0673, 52.6757** is the 20% darker color. If you saturate the color by 10%, you get **65.2375, 72.2591, 94.5147**, and if you desaturate by 10%, it is **84.0485, 88.5004, 96.6581**.

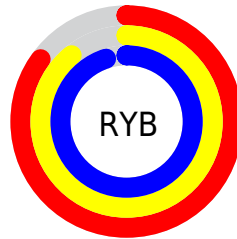
Distribution



Red (85%)

Green (92%)

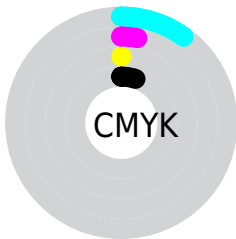
Blue (95%)



Red (85%)

Yellow (89%)

Blue (95%)

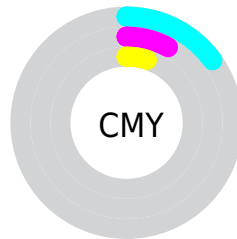


Cyan (10%)

Magenta (3%)

Yellow (0%)

Black (5%)



Cyan (15%)

Magenta (8%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0651, 80.0082, 95.5439 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 74.0651, 80.0082, 95.5439 by changing the saturation by 10% instead.

■ 74.0651, 80.0082,
95.5439

■ 74.0651, 80.0082,
95.5439

463.7449,
494.9605, 566.9335

■ 55.1388, 59.7251,
71.9884

123.9831,
133.3773, 157.0178

■ 39.7471, 43.1971,
52.6624

155.7055,
167.2320, 195.7733

■ 27.5248, 30.0398,
37.1474

192.4240,
206.3794, 240.4326

■ 18.1064, 19.8688,
25.0250

234.5039,
251.2039, 291.4140

■ 11.1265, 12.2997,
15.8765

282.3105,
302.0899, 349.1363

■ 6.2199, 6.9481,
9.2834

336.2094,

■ 3.0212, 3.4297,

359.4217, 414.0180

4.8272

396.5657,
423.5838, 486.4775

■ 1.1650, 1.3600,
2.0892

■ 0.0784, 0.1869,
0.6094

■ 74.0651, 80.0082,
95.5439

■ 74.0651, 80.0082,
95.5439

■ 65.2375, 72.2591,
94.5147

■ 84.0485, 88.5004,
96.6581

■ 57.5116, 65.2170,
93.5626

■ 91.2935, 95.7234,
97.6705

■ 50.8396, 58.8574,
92.6868

■ 93.0273, 99.1909,
98.2484

■ 45.1670, 53.1505,
91.8842

■ 40.4341, 48.0636,
91.1518

■ 36.5746, 43.5604,
90.4860

■ 33.5126, 39.5999,
89.8829

■ 31.1577, 36.1335,
89.3380

■ 29.4096, 33.1755,
88.8591

Harmonies

Analogous

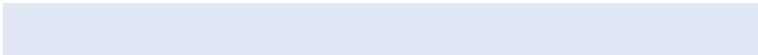
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.9323, 80.0082, 91.3988



74.0651, 80.0082, 95.5439



75.7422, 80.0082, 97.4344

Triad

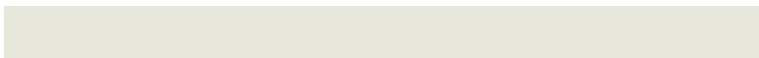
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0651, 80.0082, 95.5439



79.5680, 80.0082, 87.9878



74.5831, 80.0082, 78.3843

Complementary

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



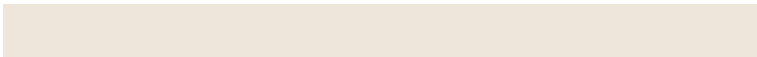
74.0651, 80.0082, 95.5439



76.0679, 77.7369, 76.6425

Split Complementary

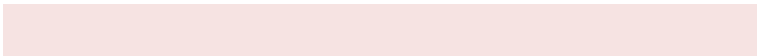
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.3494, 80.0082, 77.5518



74.0651, 80.0082, 95.5439



79.2458, 80.0082, 82.9678

Square

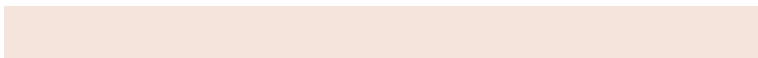
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0651, 80.0082, 95.5439



78.9341, 80.0082, 92.9629



78.0607, 80.0082, 79.1976



73.2280, 80.0082, 81.5183

Rectangle

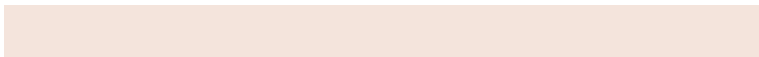
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.0651, 80.0082, 95.5439



76.9503, 80.0082, 97.1096



78.0607, 80.0082, 79.1976



75.1476, 80.0082, 77.8315

Sweetspot

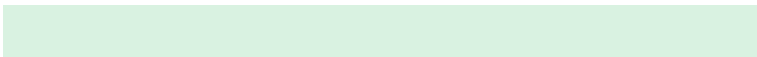
The Sweet Spot groups the original color and five complimentary colors.



74.0674, 80.0116, 95.5457



91.5157, 97.0266, 108.5123



73.9479, 83.6890, 83.4320



19.3903, 20.6004, 23.2042



0.0000, 0.0000, 0.0000



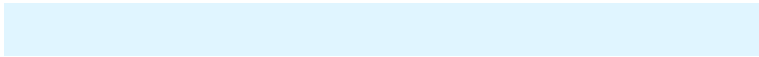
20.3446, 21.4041, 23.3091

Same Dimension

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



74.0674, 80.0116, 95.5457



81.6313, 88.5647, 107.4000



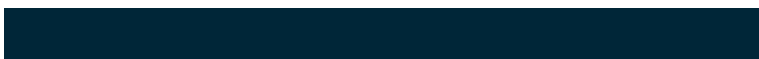
70.6543, 73.1854, 94.4080



15.7963, 17.0267, 20.1755



15.9275, 18.0793, 47.7781



1.4144, 1.6827, 4.0045

Inverse Universe

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



76.2839, 74.4451, 88.1946



84.5172, 81.3921, 97.8120



79.5486, 84.6983, 77.8027



16.2266, 15.9404, 18.7496



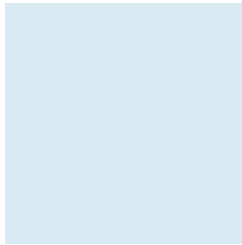
23.3651, 11.6185, 20.3710



1.9889, 0.9846, 1.9322

Previews

White Background



This preview shows how the XYZ color 74.0651, 80.0082, 95.5439 looks on a white background.

Color Contrast Check

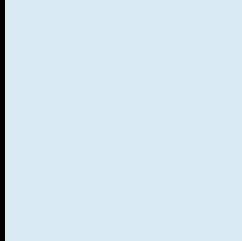
Large Text (above 18pt) WCAG AA × Fail

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 74.0651, 80.0082, 95.5439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

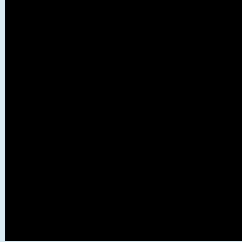
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

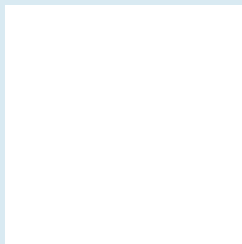
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0651, 80.0082, 95.5439

Background



This preview shows how black text looks on a background with the XYZ color 74.0651, 80.0082, 95.5439.



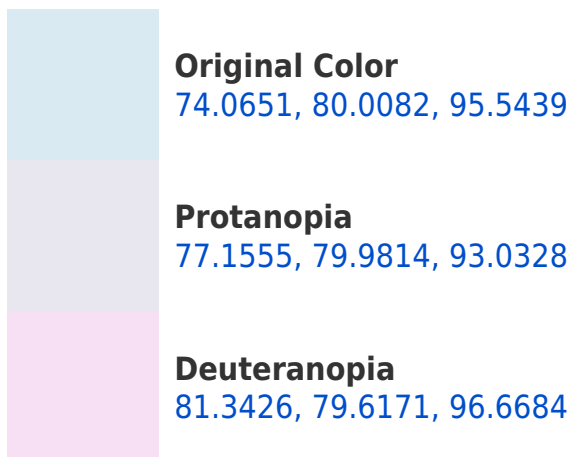
This preview shows how white text looks on a background with the XYZ color 74.0651, 80.0082,

95.5439.

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

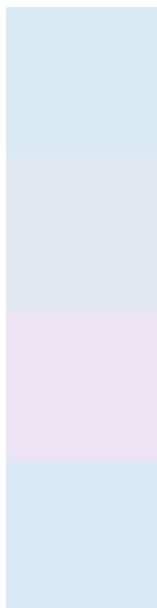




Tritanopia

75.7649, 80.3029, 102.7736

Trichromacy



Original Color

74.0651, 80.0082, 95.5439

Protanomaly

75.9826, 79.7740, 93.8313

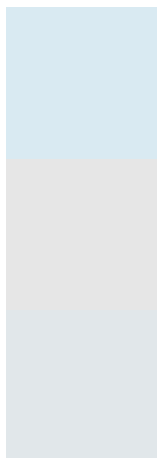
Deuteranomaly

78.5131, 79.7907, 96.0571

Tritanomaly

74.9956, 79.9606, 100.2882

Monochromacy



Original Color

74.0651, 80.0082, 95.5439

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.4785, 79.0999, 89.1843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0651, 80.0082, 95.5439 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(217, 234, 242)` looks like.

```
.text, #text, p{  
    color:rgb(217, 234, 242)  
}
```

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(217, 234, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 234, 242) }
```

Border

The CSS property to change the border of an element to XYZ 74.0651, 80.0082, 95.5439 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(217, 234, 242) }
```


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

```
.border{ border-color:rgb(217, 234, 242) }
```

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

Here you see how a box with a 4 pixel rgb(217, 234, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 234, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 234, 242);  
box-shadow:4px 4px 4px 4px rgb(217, 234,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0651, 80.0082, 95.5439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 234, 242) }
```

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

```
.background{ background-color: rgb(217,  
234, 242) }
```

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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