

Converting Colors

XYZ(75.6292, 80.2927, 95.4211)

Have a look what the booklet for
XYZ(75.6292, 80.2927, 95.4211)
contains.

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Color

**XYZ(75.5974, 80.3766,
95.5342)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE9F2
RGB	223, 233, 242
RGB Percent	87%, 91%, 95%
CMY	0.1255, 0.0863, 0.0510
CMYK	0.08, 0.04, 0.00, 0.05
HSL	208°, 42%, 91%
HSV	208°, 8%, 95%
XYZ	75.5974, 80.3766, 95.5342
YIQ	231.0360, -8.8490, 0.6790

Conversions

Conversions Part 2

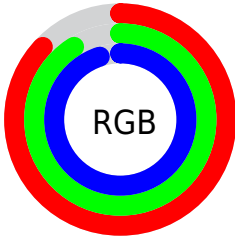
Format	Color
R _Y B	223, 230, 242
Decimal	14674418
CIE Lab	91.85, -1.62, -5.51
CIE LCh	92, 5.748, 253.582
Yxy	80.3766, 0.3006, 0.3196
Android (android.graphics.Color)	4292864498 (0xFFDFE9F2)
YUV	231.0360, 5.4053, -7.0476
Hunter-Lab	89.6530, -6.3776, -0.4223

Details

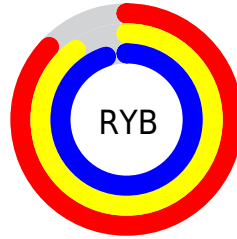
The XYZ color **75.5974, 80.3766, 95.5342** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.7943, 81.9177, 81.4724**, and the grayscale version is **75.9502, 79.9055, 87.0171**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7335, 43.3143, 52.6680** is the 20% darker color. If you saturate the color by 10%, you get **65.5288, 70.5278, 94.1651**, and if you desaturate by 10%, it is **86.9469, 91.2029, 97.0269**.

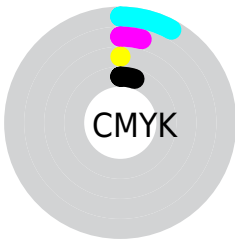
Distribution



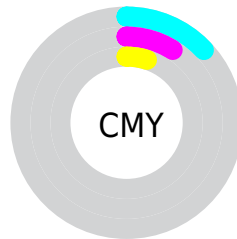
- Red (87%)
- Green (91%)
- Blue (95%)



- Red (87%)
- Yellow (90%)
- Blue (95%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (13%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5974, 80.3766, 95.5342 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 75.5974, 80.3766, 95.5342 by changing the saturation by 10% instead.

■ 75.5974, 80.3766,
95.5342

■ 75.5974, 80.3766,
95.5342

468.9340,
496.2011, 566.9017

■ 56.3983, 60.0283,
71.9803

126.1410,
133.8951, 157.0043

■ 40.7606, 43.4414,
52.6559

158.2163,
167.8341, 195.7577

■ 28.3189, 30.2316,
37.1423

195.3144,
207.0721, 240.4146

■ 18.7079, 20.0145,
25.0210

237.8006,
251.9935, 291.3936

■ 11.5622, 12.4056,
15.8736

286.0403,
302.9827, 349.1133

■ 6.5164, 7.0205,
9.2813

340.3989,

■ 3.2051, 3.4749,

360.4241, 413.9922

4.8258

401.2417,
424.7021, 486.4488

■ 1.2632, 1.3844,
2.0885

■ 0.1554, 0.2052,
0.6089

■ 75.5974, 80.3766,
95.5342

■ 75.5974, 80.3766,
95.5342

■ 65.5288, 70.5278,
94.1651

■ 86.9469, 91.2029,
97.0269

■ 56.6854, 61.6152,
92.9109

■ 93.0272, 99.1909,
98.2483

■ 49.0170, 53.6091,
91.7697

■ 42.4675, 46.4744,
90.7378

■ 36.9755, 40.1730,
89.8110

■ 32.4734, 34.6632,
88.9848

■ 28.8845, 29.8988,
88.2543

■ 26.1195, 25.8262,
87.6139

■ 24.0583, 22.3764,
87.0567

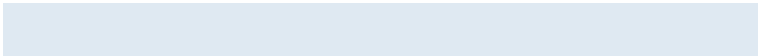
Harmonies

Analogous

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



74.3612, 80.3766, 93.2313



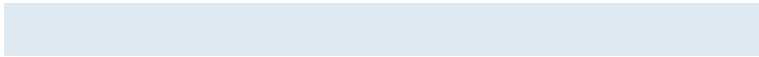
75.5974, 80.3766, 95.5342



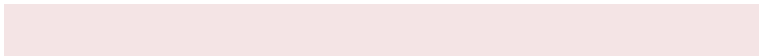
77.0629, 80.3766, 95.6445

Triad

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



75.5974, 80.3766, 95.5342



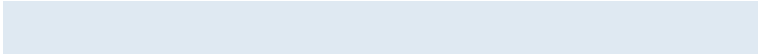
79.1833, 80.3766, 85.6245



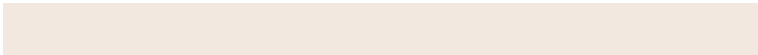
74.4586, 80.3766, 81.7683

Complementary

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



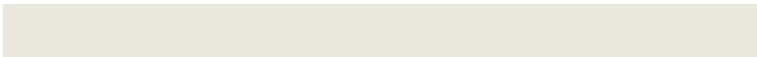
75.5974, 80.3766, 95.5342



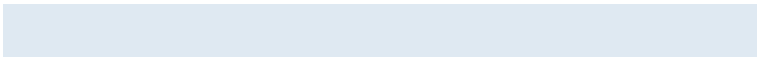
78.7943, 81.9177, 81.4724

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.



75.7320, 80.3766, 79.8625



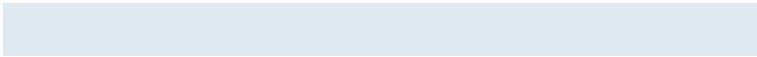
75.5974, 80.3766, 95.5342



78.4667, 80.3766, 82.0400

Square

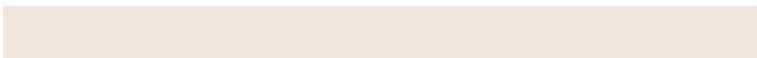
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



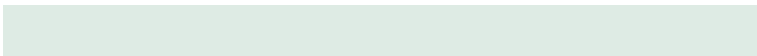
75.5974, 80.3766, 95.5342



79.1461, 80.3766, 89.8304



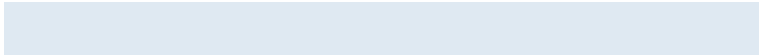
77.1993, 80.3766, 79.9603



73.7095, 80.3766, 85.2426

Rectangle

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



75.5974, 80.3766, 95.5342



77.9737, 80.3766, 94.4531



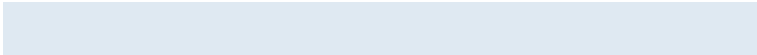
77.1993, 80.3766, 79.9603



74.8388, 80.3766, 80.9280

Sweetspot

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



75.5997, 80.3800, 95.5360



92.4330, 97.5144, 108.5582



76.7315, 85.0122, 88.6109



19.8119, 20.8982, 23.2395



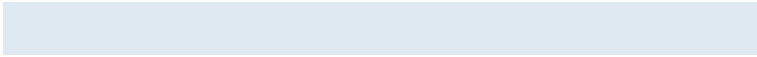
0.0000, 0.0000, 0.0000



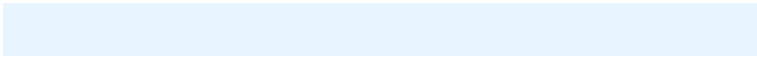
20.3446, 21.4041, 23.3091

Same Dimension

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



75.5997, 80.3800, 95.5360



83.7357, 89.1656, 107.4051



73.0171, 75.2148, 94.6751



15.5861, 16.6063, 20.1055



12.8536, 11.9314, 46.7534



1.1689, 1.1917, 3.9226

Inverse Universe

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



77.7155, 77.5375, 87.9649



86.4600, 85.5411, 97.6480



81.5025, 87.3342, 82.3751



16.1205, 15.8979, 18.1908



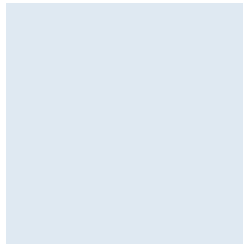
21.8135, 10.9978, 12.2004



1.8649, 0.9350, 1.2797

Previews

White Background



This preview shows how the XYZ color 75.5974, 80.3766, 95.5342 looks on a white background.

Color Contrast Check

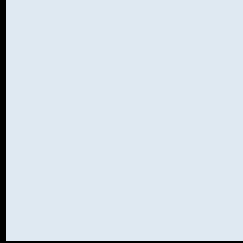
Large Text (above 18pt) WCAG AA × Fail

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 75.5974, 80.3766, 95.5342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

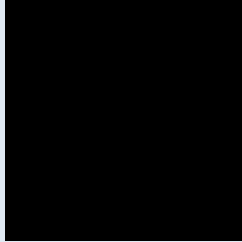
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

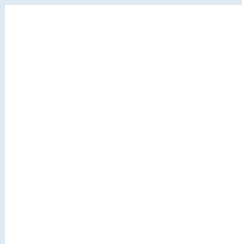
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5974, 80.3766, 95.5342

Background



This preview shows how black text looks on a background with the XYZ color 75.5974, 80.3766, 95.5342.



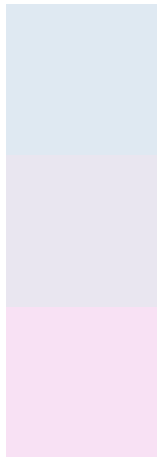
This preview shows how white text looks on a background with the XYZ color 75.5974, 80.3766,

95.5342.

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

75.5974, 80.3766, 95.5342

Protanopia

77.6293, 80.2085, 93.8284

Deuteranopia

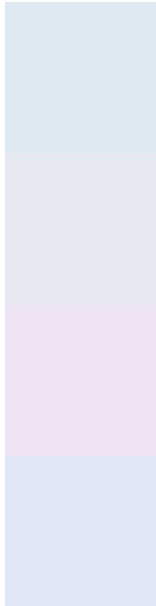
81.9657, 80.3385, 96.7748



Tritanopia

76.8524, 80.4626, 101.9228

Trichromacy



Original Color

75.5974, 80.3766, 95.5342

Protanomaly

76.7662, 80.1607, 94.6456

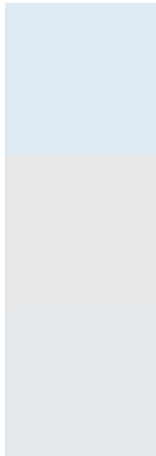
Deuteranomaly

79.5177, 80.3086, 96.1041

Tritanomaly

76.3856, 80.2759, 99.4645

Monochromacy



Original Color

75.5974, 80.3766, 95.5342

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.8469, 80.2054, 90.0809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5974, 80.3766, 95.5342 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(223, 233, 242)` looks like.

```
.text, #text, p{  
    color:rgb(223, 233, 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(223, 233, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 233, 242) }
```

Border

The CSS property to change the border of an element to XYZ 75.5974, 80.3766, 95.5342 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(223, 233, 242) }
```


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

```
.border{ border-color:rgb(223, 233, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 233, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 233, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 233, 242);  
box-shadow:4px 4px 4px 4px rgb(223, 233,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5974, 80.3766, 95.5342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 233, 242) }
```

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

```
.background{ background-color: rgb(223,  
233, 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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