

Converting Colors

XYZ(75.5274, 80.3129, 94.4217)

Have a look what the booklet for
XYZ(75.5274, 80.3129, 94.4217)
contains.

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Color

**XYZ(75.7566, 80.4760,
94.7597)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E9F1
RGB	224, 233, 241
RGB Percent	88%, 91%, 95%
CMY	0.1216, 0.0863, 0.0549
CMYK	0.07, 0.03, 0.00, 0.05
HSL	208°, 38%, 91%
HSV	208°, 7%, 95%
XYZ	75.7566, 80.4760, 94.7597
YIQ	231.2210, -7.9320, 0.5800

Conversions

Conversions Part 2

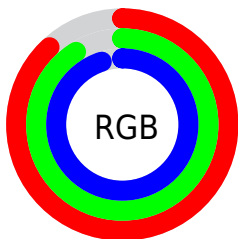
Format	Color
R _Y B	224, 230, 241
Decimal	14739953
CIE Lab	91.90, -1.49, -4.92
CIE LCh	92, 5.139, 253.132
Yxy	80.4760, 0.3018, 0.3206
Android (android.graphics.Color)	4292930033 (0xFFE0E9F1)
YUV	231.2210, 4.8210, -6.3328
Hunter-Lab	89.7084, -6.2508, 0.1674

Details

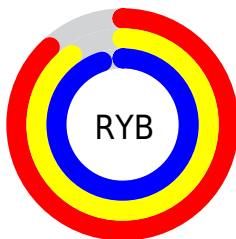
The XYZ color **75.7566, 80.4760, 94.7597** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.5871, 81.7953, 82.1685**, and the grayscale version is **76.0916, 80.0543, 87.1791**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8413, 43.3821, 52.1200** is the 20% darker color. If you saturate the color by 10%, you get **65.7041, 70.6837, 93.4007**, and if you desaturate by 10%, it is **87.0786, 91.2332, 96.2406**.

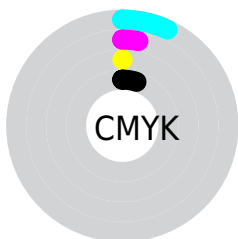
Distribution



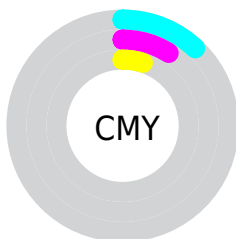
- Red (88%)
- Green (91%)
- Blue (95%)



- Red (88%)
- Yellow (90%)
- Blue (95%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



- Cyan (12%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7566, 80.4760, 94.7597 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 75.7566, 80.4760, 94.7597 by changing the saturation by 10% instead.

■ 75.7566, 80.4760,
94.7597

■ 75.7566, 80.4760,
94.7597

469.4713,
496.5355, 564.3601

■ 56.5293, 60.1101,
71.3392

126.3650,
134.0348, 155.9253

■ 40.8661, 43.5074,
52.1355

158.4768,
167.9964, 194.5075

■ 28.4017, 30.2834,
36.7301

195.6141,
207.2588, 238.9807

■ 18.7707, 20.0538,
24.7045

238.1423,
252.2064, 289.7633

■ 11.6077, 12.4342,
15.6400

286.4268,
303.2234, 347.2741

■ 6.5474, 7.0401,
9.1182

340.8329,

■ 3.2245, 3.4872,

360.6943, 411.9314

4.7205

401.7259,
425.0036, 484.1539

■ 1.2736, 1.3911,
2.0284

■ 0.1633, 0.2101,
0.5726

■ 75.7566, 80.4760,
94.7597

■ 75.7566, 80.4760,
94.7597

■ 65.7041, 70.6837,
93.4007

■ 87.0786, 91.2332,
96.2406

■ 56.8659, 61.8156,
92.1548

■ 92.8774, 99.1310,
97.4593

■ 49.1931, 53.8428,
91.0203

■ 42.6304, 46.7307,
89.9934

■ 37.1175, 40.4421,
89.0701

■ 32.5882, 34.9362,
88.2461

■ 28.9676, 30.1679,
87.5166

■ 26.1685, 26.0853,
86.8760

■ 24.0797, 22.6236,
86.3180

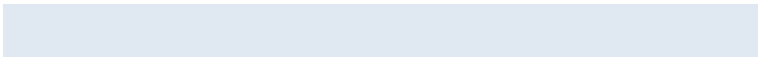
Harmonies

Analogous

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



74.6544, 80.4760, 92.6840



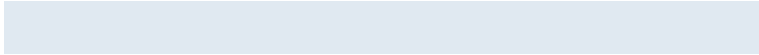
75.7566, 80.4760, 94.7597



77.0676, 80.4760, 94.8889

Triad

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



75.7566, 80.4760, 94.7597



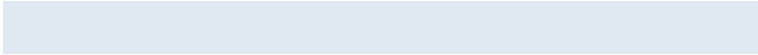
78.9861, 80.4760, 85.9851



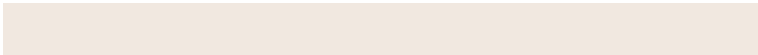
74.7695, 80.4760, 82.4311

Complementary

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



75.7566, 80.4760, 94.7597



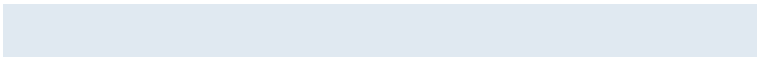
78.5871, 81.7953, 82.1685

Split Complementary

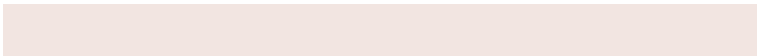
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.9154, 80.4760, 80.7410



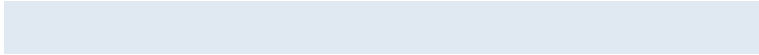
75.7566, 80.4760, 94.7597



78.3555, 80.4760, 82.7529

Square

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



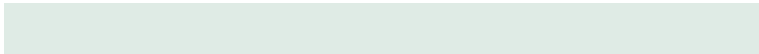
75.7566, 80.4760, 94.7597



78.9424, 80.4760, 89.7488



77.2282, 80.4760, 80.8571



74.0890, 80.4760, 85.5343

Rectangle

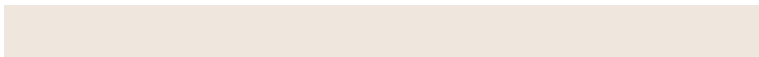
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7566, 80.4760, 94.7597



77.8844, 80.4760, 93.8478



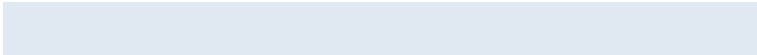
77.2282, 80.4760, 80.8571



75.1124, 80.4760, 81.6829

Sweetspot

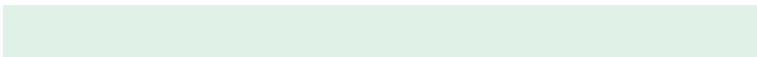
The Sweet Spot groups the original color and five complimentary colors.



75.7589, 80.4794, 94.7615



92.4380, 97.5244, 108.5598



76.7531, 84.5817, 88.5762



19.8129, 20.9003, 23.2399



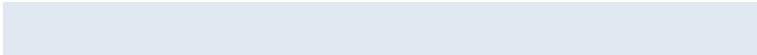
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



75.7589, 80.4794, 94.7615



84.9538, 90.3638, 107.5722



73.4273, 75.8161, 93.9843



15.5903, 16.6147, 20.1069



12.9065, 12.0373, 46.7711



1.1733, 1.2005, 3.9241

Inverse Universe

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



77.6411, 77.8969, 88.0382



87.3772, 87.0652, 98.9101



81.0193, 86.6595, 82.9792



16.1226, 15.8988, 18.2021



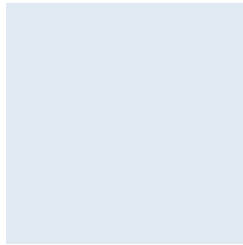
21.8402, 11.0085, 12.3412



1.8672, 0.9359, 1.2913

Previews

White Background



This preview shows how the XYZ color 75.7566, 80.4760, 94.7597 looks on a white background.

Color Contrast Check

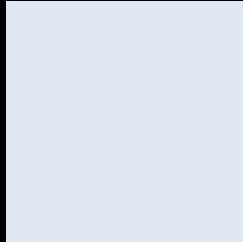
Large Text (above 18pt) WCAG AA × Fail

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 75.7566, 80.4760, 94.7597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

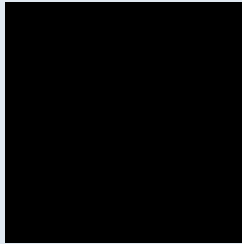
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

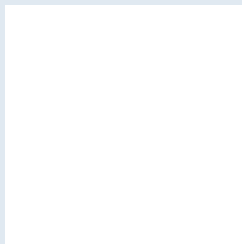
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7566, 80.4760, 94.7597

Background



This preview shows how black text looks on a background with the XYZ color 75.7566, 80.4760, 94.7597.

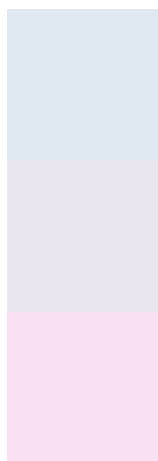


This preview shows how white text looks on a background with the XYZ color 75.7566, 80.4760,

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

75.7566, 80.4760, 94.7597

Protanopia

77.4811, 80.1493, 93.0480

Deuteranopia

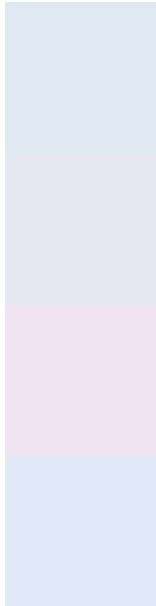
82.1698, 80.4612, 95.9938



Tritanopia

77.1633, 80.6229, 101.9373

Trichromacy



Original Color

75.7566, 80.4760, 94.7597

Protanomaly

76.9372, 80.2661, 93.8760

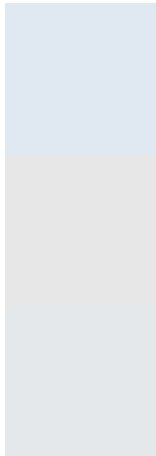
Deuteranomaly

79.7056, 80.4229, 95.3266

Tritanomaly

76.6965, 80.4362, 99.4791

Monochromacy



Original Color

75.7566, 80.4760, 94.7597

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 75.7566, 80.4760, 94.7597 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(224, 233, 241)` looks like.

```
.text, #text, p{  
    color:rgb(224, 233, 241)  
}
```

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(224, 233, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 233, 241) }
```

Border

The CSS property to change the border of an element to XYZ 75.7566, 80.4760, 94.7597 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(224, 233, 241) }
```


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

```
.border{ border-color:rgb(224, 233, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 233, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 233, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 233, 241);  
box-shadow:4px 4px 4px 4px rgb(224, 233,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7566, 80.4760, 94.7597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 233, 241) }
```

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

```
.background{ background-color: rgb(224,  
233, 241) }
```

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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