

Converting Colors

XYZ(75.8307, 80.4311, 96.2575)

Have a look what the booklet for
XYZ(75.8307, 80.4311, 96.2575)
contains.

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Color

**XYZ(75.7480, 80.4369,
96.3275)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE9F3
RGB	223, 233, 243
RGB Percent	87%, 91%, 95%
CMY	0.1255, 0.0863, 0.0471
CMYK	0.08, 0.04, 0.00, 0.05
HSL	210°, 45%, 91%
HSV	210°, 8%, 95%
XYZ	75.7480, 80.4369, 96.3275
YIQ	231.1500, -9.1700, 0.9900

Conversions

Conversions Part 2

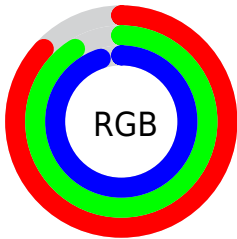
Format	Color
R_{YB}	223, 230, 243
Decimal	14674419
CIE _{Lab}	91.88, -1.43, -6.00
CIE _{LCh}	92, 6.165, 256.554
Yxy	80.4369, 0.3000, 0.3185
Android (android.graphics.Color)	4292864499 (0xFFDFE9F3)
YUV	231.1500, 5.8421, -7.1475
Hunter-Lab	89.6866, -6.1931, -0.8995

Details

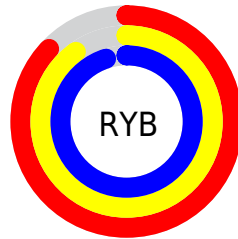
The XYZ color **75.7480, 80.4369, 96.3275** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.4206, 82.6595, 81.5824**, and the grayscale version is **76.0320, 79.9916, 87.1109**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8402, 43.3570, 53.2299** is the 20% darker color. If you saturate the color by 10%, you get **65.4714, 70.2113, 94.8967**, and if you desaturate by 10%, it is **87.3404, 91.6965, 97.8911**.

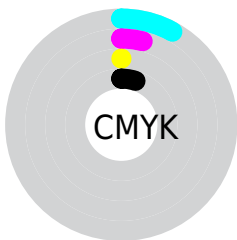
Distribution



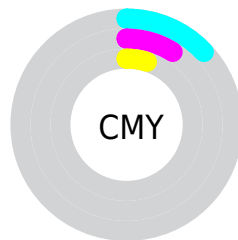
- Red (87%)
- Green (91%)
- Blue (95%)



- 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 75.7480, 80.4369, 96.3275 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 75.7480, 80.4369, 96.3275 by changing the saturation by 10% instead.

■ 75.7480, 80.4369,
96.3275

■ 75.7480, 80.4369,
96.3275

469.4423,
496.4040, 569.4987

■ 56.5222, 60.0779,
72.6374

126.3529,
133.9798, 158.1086

■ 40.8604, 43.4815,
53.1895

158.4627,
167.9326, 197.0367

■ 28.3972, 30.2631,
37.5653

195.5979,
207.1854, 241.8812

■ 18.7673, 20.0383,
25.3463

238.1239,
252.1226, 293.0607

■ 11.6053, 12.4229,
16.1139

286.4059,
303.1287, 350.9936

■ 6.5458, 7.0324,
9.4495

340.8094,

■ 3.2235, 3.4824,

360.5880, 416.0986

4.9347

401.6998,
424.8850, 488.7941

■ 1.2730, 1.3884,
2.1510

■ 0.1629, 0.2082,
0.6459

■ 75.7480, 80.4369,
96.3275

■ 75.7480, 80.4369,
96.3275

■ 65.4714, 70.2113,
94.8967

■ 87.3404, 91.6965,
97.8911

■ 56.4534, 60.9767,
93.5895

■ 93.1779, 99.2512,
99.0416

■ 48.6426, 52.7016,
92.4039

■ 41.9812, 45.3485,
91.3357

■ 36.4063, 38.8775,
90.3805

■ 31.8483, 33.2445,
89.5335

■ 28.2285, 28.4007,
88.7893

■ 25.4550, 24.2899,
88.1420

■ 23.4011, 20.8377,
87.5839

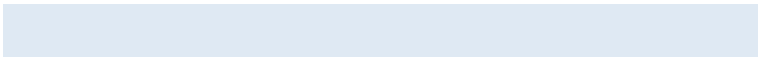
Harmonies

Analogous

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



74.3809, 80.4369, 94.0578



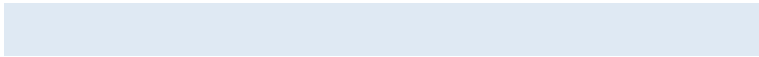
75.7480, 80.4369, 96.3275



77.3225, 80.4369, 96.1973

Triad

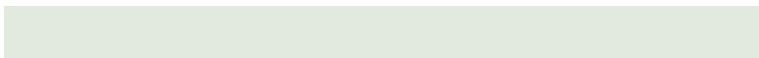
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7480, 80.4369, 96.3275



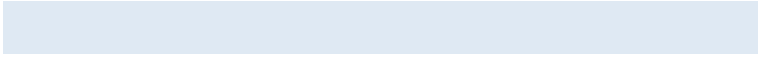
79.4047, 80.4369, 85.1244



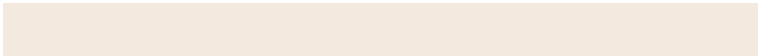
74.2665, 80.4369, 81.7292

Complementary

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



75.7480, 80.4369, 96.3275



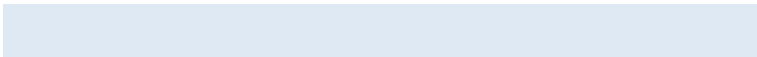
79.4206, 82.6595, 81.5824

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.



75.5898, 80.4369, 79.4973



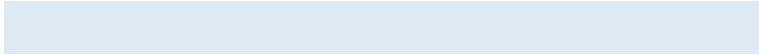
75.7480, 80.4369, 96.3275



78.5629, 80.4369, 81.4107

Square

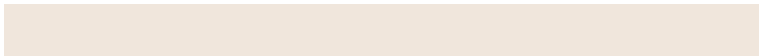
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



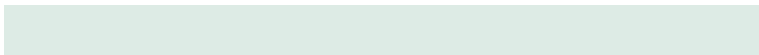
75.7480, 80.4369, 96.3275



79.4484, 80.4369, 89.6227



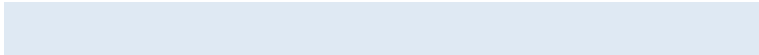
77.1621, 80.4369, 79.3827



73.5335, 80.4369, 85.5728

Rectangle

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



75.7480, 80.4369, 96.3275



78.2781, 80.4369, 94.7652



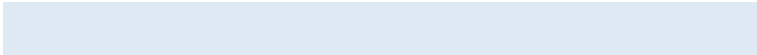
77.1621, 80.4369, 79.3827



74.6562, 80.4369, 80.7715

Sweetspot

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



75.7503, 80.4403, 96.3293



92.3907, 97.4299, 108.5441



77.1437, 85.6546, 89.3097



19.8033, 20.8810, 23.2366



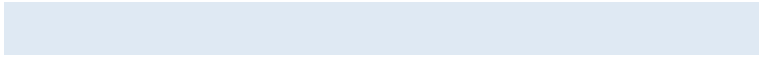
0.0000, 0.0000, 0.0000



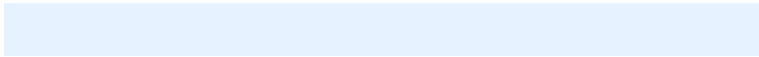
20.3446, 21.4041, 23.3091

Same Dimension

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



75.7503, 80.4403, 96.3293



82.3509, 87.6163, 107.1790



73.0872, 75.1141, 95.4416



16.2660, 17.2963, 21.0238



12.8028, 11.3994, 48.0635



1.2280, 1.2074, 4.2586

Inverse Universe

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



78.0596, 77.7148, 87.9811



85.4632, 84.0018, 95.9146



82.2336, 88.2855, 82.5200



16.8448, 16.6208, 18.9295



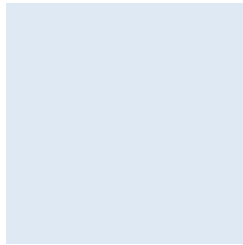
22.2668, 11.2501, 11.3791



2.0089, 1.0095, 1.2733

Previews

White Background



This preview shows how the XYZ color 75.7480, 80.4369, 96.3275 looks on a white background.

Color Contrast Check

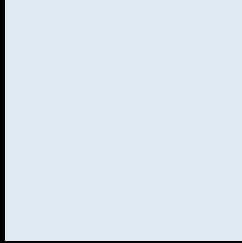
Large Text (above 18pt) WCAG AA × Fail

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 75.7480, 80.4369, 96.3275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

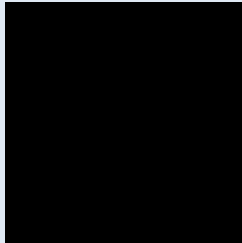
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

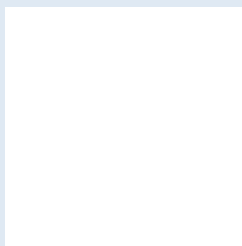
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7480, 80.4369, 96.3275

Background



This preview shows how black text looks on a background with the XYZ color 75.7480, 80.4369, 96.3275.



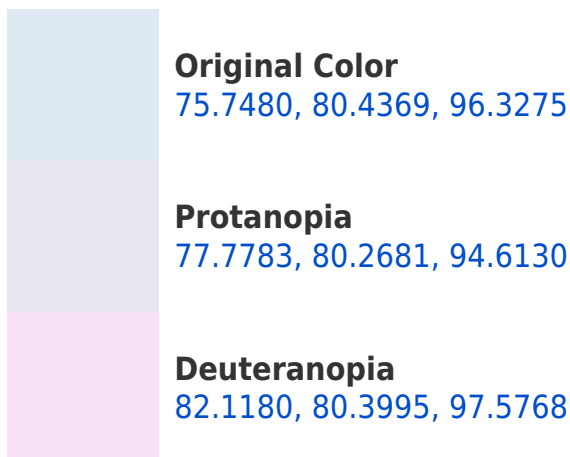
This preview shows how white text looks on a background with the XYZ color 75.7480, 80.4369,

96.3275.

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

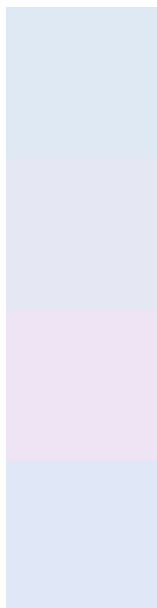




Tritanopia

76.8524, 80.4626, 101.9228

Trichromacy



Original Color

75.7480, 80.4369, 96.3275

Protanomaly

76.9160, 80.2206, 95.4346

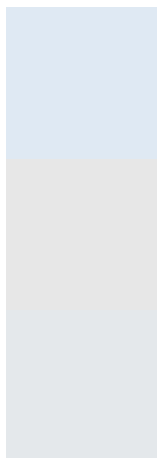
Deuteranomaly

79.6691, 80.3692, 96.9017

Tritanomaly

76.3856, 80.2759, 99.4645

Monochromacy



Original Color

75.7480, 80.4369, 96.3275

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 75.7480, 80.4369, 96.3275 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(223, 233, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 233, 243) }
```

Border

The CSS property to change the border of an element to XYZ 75.7480, 80.4369, 96.3275 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, 243) }
```


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

```
.border{ border-color:rgb(223, 233, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 233, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 233, 243);  
box-shadow:4px 4px 4px 4px rgb(223, 233,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7480, 80.4369, 96.3275 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, 243) }
```

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

```
.background{ background-color: rgb(223,  
233, 243) }
```

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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