

Converting Colors

XYZ(76.3017, 82.7887, 94.5588)

Have a look what the booklet for
XYZ(76.3017, 82.7887, 94.5588)
contains.

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Color

**XYZ(76.4269, 82.9699,
94.4247)**

Conversions

Conversions Part 1

Format	Color
Hex	DEEEF0
RGB	222, 238, 240
RGB Percent	87%, 93%, 94%
CMY	0.1294, 0.0666, 0.0588
CMYK	0.07, 0.01, 0.00, 0.06
HSL	187°, 38%, 91%
HSV	187°, 7%, 94%
XYZ	76.4269, 82.9699, 94.4247
YIQ	233.4440, -10.1780, -2.7700

Conversions

Conversions Part 2

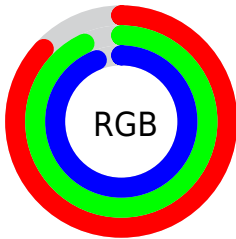
Format	Color
R _Y B	222, 230, 240
Decimal	14610160
CIE Lab	93.00, -4.88, -2.79
CIE LCh	93, 5.625, 209.747
Yxy	82.9699, 0.3011, 0.3269
Android (android.graphics.Color)	4292800240 (0xFFDEEEF0)
YUV	233.4440, 3.2321, -10.0364
Hunter-Lab	91.0878, -9.6339, 2.2995

Details

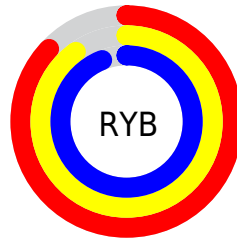
The XYZ color **76.4269, 82.9699, 94.4247** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.7760, 77.1100, 79.9985**, and the grayscale version is **77.7705, 81.8206, 89.1027**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3160, 45.1321, 51.8812** is the 20% darker color. If you saturate the color by 10%, you get **68.8243, 77.9109, 93.8502**, and if you desaturate by 10%, it is **85.0920, 88.5983, 95.0557**.

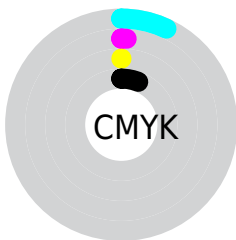
Distribution



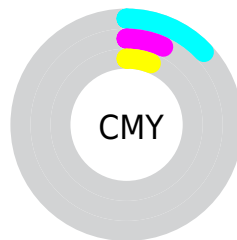
- Red (87%)
- Green (93%)
- Blue (94%)



- Red (87%)
- Yellow (90%)
- Blue (94%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (6%)



- Cyan (13%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4269, 82.9699, 94.4247 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 76.4269, 82.9699, 94.4247 by changing the saturation by 10% instead.

■ 76.4269, 82.9699,
94.4247

■ 76.4269, 82.9699,
94.4247

471.7298,
504.8862, 563.2588

■ 57.0809, 62.1653,
71.0620

127.3073,
137.5333, 155.4583

■ 41.3106, 45.1663,
51.9107

159.5725,
172.0609, 193.9663

■ 28.7506, 31.5884,
36.5521

196.8747,
211.9317, 238.3598

■ 19.0356, 21.0473,
24.5678

239.5794,
257.5299, 289.0573

■ 11.8001, 13.1586,
15.5393

288.0519,
309.2401, 346.4775

■ 6.6790, 7.5379,
9.0479

342.6575,

■ 3.3067, 3.8007,

367.4466, 411.0387

4.6752

403.7617,
432.5339, 483.1597

■ 1.3179, 1.5627,
2.0026

■ 0.1966, 0.3323,
0.5569

■ 76.4269, 82.9699,
94.4247

■ 76.4269, 82.9699,
94.4247

■ 68.8243, 77.9109,
93.8502

■ 85.0920, 88.5983,
95.0557

■ 62.2332, 73.3879,
93.3246

■ 89.1175, 91.8496,
95.4711

■ 56.6087, 69.3801,
92.8474

■ 89.9214, 93.4573,
95.7390

■ 51.8999, 65.8612,
92.4164

■ 90.7368, 95.0882,
96.0108

■ 48.0511, 62.8024,
92.0288

■ 91.5639, 96.7424,
96.2865

■ 45.0007, 60.1718,
91.6818

■ 92.4027, 98.4200,
96.5661

■ 42.6785, 57.9331,
91.3721

■ 92.7284, 99.0714,
96.6747

■ 41.0021, 56.0439,
91.0958

■ 39.8624, 54.4478,
90.8478

Harmonies

Analogous

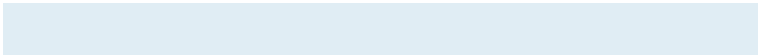
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0620, 82.9699, 90.3043



76.4269, 82.9699, 94.4247



77.4421, 82.9699, 97.5293

Triad

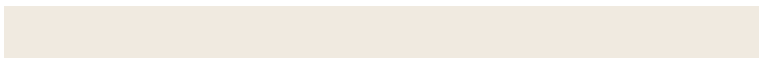
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.4269, 82.9699, 94.4247



81.3323, 82.9699, 94.4886



78.8729, 82.9699, 82.4694

Complementary

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



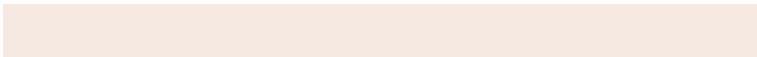
76.4269, 82.9699, 94.4247



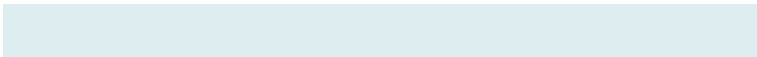
75.7760, 77.1100, 79.9985

Split Complementary

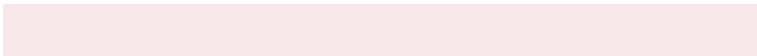
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.2959, 82.9699, 83.5132



76.4269, 82.9699, 94.4247



81.7266, 82.9699, 90.3759

Square

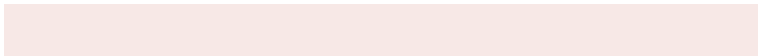
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.4269, 82.9699, 94.4247



80.2740, 82.9699, 97.5670



81.3450, 82.9699, 86.3751



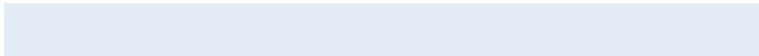
77.4635, 82.9699, 83.4792

Rectangle

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



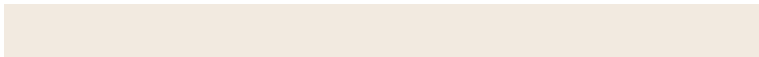
76.4269, 82.9699, 94.4247



78.3574, 82.9699, 98.5591



81.3450, 82.9699, 86.3751



79.3656, 82.9699, 82.5912

Sweetspot

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



76.4293, 82.9734, 94.4265



93.0183, 98.6852, 108.7533



74.7130, 83.2221, 82.5059



19.9310, 21.1365, 23.2792



0.0000, 0.0000, 0.0000



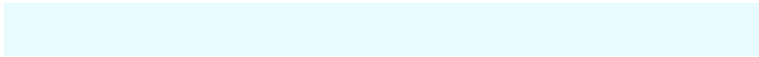
20.3446, 21.4041, 23.3091

Same Dimension

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



76.4293, 82.9734, 94.4265



86.2983, 94.2909, 108.2593



73.9284, 77.9716, 93.5929



16.0889, 17.6120, 20.2731



21.7491, 29.7225, 49.7186



1.8516, 2.5573, 4.1502

Inverse Universe

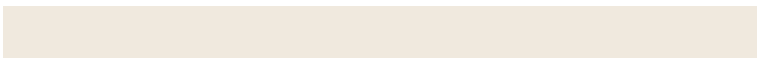
The Inverse Universe completely reimagines the original color for something new.



77.4909, 76.9425, 91.6601



87.7535, 86.0585, 104.4595



78.2036, 81.9652, 80.8077



16.3743, 15.9994, 19.5274



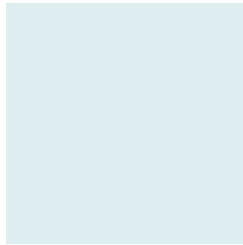
26.3036, 12.7939, 35.8448



2.2096, 1.0729, 3.0945

Previews

White Background



This preview shows how the XYZ color 76.4269, 82.9699, 94.4247 looks on a white background.

Color Contrast Check

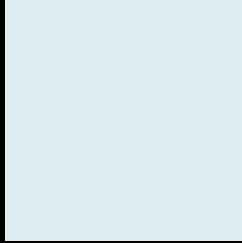
Large Text (above 18pt) WCAG AA × Fail

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 76.4269, 82.9699, 94.4247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

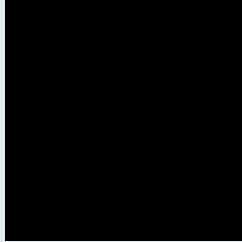
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

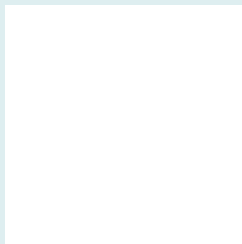
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.4269, 82.9699, 94.4247

Background



This preview shows how black text looks on a background with the XYZ color 76.4269, 82.9699, 94.4247.



This preview shows how white text looks on a background with the XYZ color 76.4269, 82.9699,

94.4247.

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

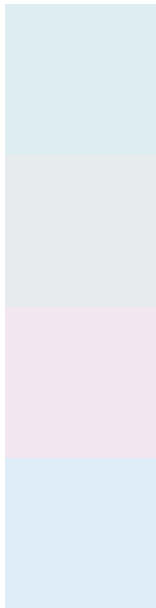




Tritanopia

78.6253, 82.9940, 105.6414

Trichromacy



Original Color

76.4269, 82.9699, 94.4247

Protanomaly

78.4197, 82.7455, 92.7272

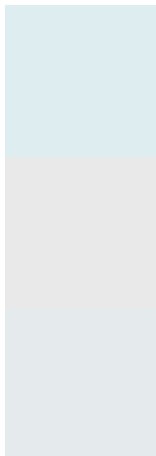
Deuteranomaly

81.0710, 82.3799, 94.8471

Tritanomaly

77.8145, 83.0959, 101.5604

Monochromacy



Original Color

76.4269, 82.9699, 94.4247

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.1618, 82.1308, 91.1429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4269, 82.9699, 94.4247 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(222, 238, 240)` looks like.

```
.text, #text, p{  
    color:rgb(222, 238, 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(222, 238, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 238, 240) }
```

Border

The CSS property to change the border of an element to XYZ 76.4269, 82.9699, 94.4247 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(222, 238, 240) }
```


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

```
.border{ border-color:rgb(222, 238, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 238, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 238, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 238, 240);  
box-shadow:4px 4px 4px 4px rgb(222, 238,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4269, 82.9699, 94.4247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 238, 240) }
```

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

```
.background{ background-color: rgb(222,  
238, 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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