

Converting Colors

XYZ(76.8288, 84.9990, 96.5346)

Have a look what the booklet for
XYZ(76.8288, 84.9990, 96.5346)
contains.

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Color

**XYZ(76.6926, 84.8205,
96.3343)**

Conversions

Conversions Part 1

Format	Color
Hex	DAF2F2
RGB	218, 242, 242
RGB Percent	85%, 95%, 95%
CMY	0.1451, 0.0510, 0.0510
CMYK	0.10, 0.00, 0.00, 0.05
HSL	180°, 48%, 90%
HSV	180°, 10%, 95%
XYZ	76.6926, 84.8205, 96.3343
YIQ	234.8240, -14.3040, -5.0880

Conversions

Conversions Part 2

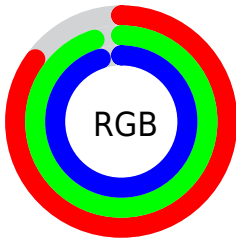
Format	Color
R _Y B	218, 230, 242
Decimal	14349042
CIE Lab	93.81, -7.81, -2.68
CIE LCh	94, 8.260, 198.939
Yxy	84.8205, 0.2974, 0.3290
Android (android.graphics.Color)	4292539122 (0xFFDAF2F2)
YUV	234.8240, 3.5378, -14.7546
Hunter-Lab	92.0980, -12.5297, 2.4515

Details

The XYZ color **76.6926, 84.8205, 96.3343** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.3473, 74.0843, 76.7147**, and the grayscale version is **78.8155, 82.9201, 90.3000**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5261, 46.4495, 53.2314** is the 20% darker color. If you saturate the color by 10%, you get **69.9777, 81.3612, 96.0190**, and if you desaturate by 10%, it is **84.4690, 88.8316, 96.7028**.

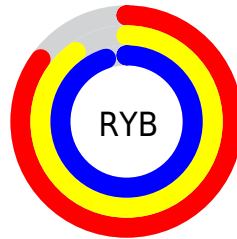
Distribution



Red (85%)

Green (95%)

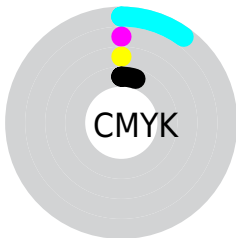
Blue (95%)



Red (85%)

Yellow (90%)

Blue (95%)

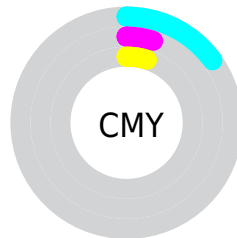


Cyan (10%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (15%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.6926, 84.8205, 96.3343 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 76.6926, 84.8205, 96.3343 by changing the saturation by 10% instead.

76.6926, 84.8205,
96.3343

76.6926, 84.8205,
96.3343

472.6233,
511.0339, 569.5209

57.2997, 63.6931,
72.6430

127.6806,
140.1224, 158.1181

41.4870, 46.4021,
53.1941

160.0064,
175.0656, 197.0477

28.8891, 32.5633,
37.5689

197.3738,
215.3829, 241.8938

19.1408, 21.7921,
25.3491

240.1483,
261.4586, 293.0750

11.8767, 13.7042,
16.1159

288.6951,
313.6772, 351.0097

6.7314, 7.9152,
9.4510

343.3796,

3.3395, 4.0408,

372.4230, 416.1166

4.9357

404.5673,
438.0804, 488.8142

■ 1.3357, 1.6964,
2.1515

■ 0.2097, 0.4213,
0.6462

■ 76.6926, 84.8205,
96.3343

■ 76.6926, 84.8205,
96.3343

■ 69.9777, 81.3612,
96.0190

■ 84.4690, 88.8316,
96.7028

■ 64.2713, 78.4195,
95.7491


■ 89.0221, 91.1787,
96.9187


■ 59.5271, 75.9739,
95.5243


■ 89.0226, 91.1790,
96.9215


■ 55.6920, 73.9969,
95.3420


■ 89.0231, 91.1792,
96.9244


 52.7080, 72.4586,
95.1996


 89.0237, 91.1794,
96.9272


 50.5102, 71.3256,
95.0939


 89.0242, 91.1796,
96.9300


 49.0245, 70.5598,
95.0216

 89.0247, 91.1798,
96.9329

 48.1629, 70.1157,
94.9784

 89.0253, 91.1800,
96.9357

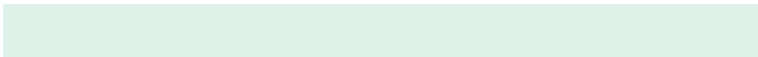
 47.7786, 69.9177,
94.9576

 89.0258, 91.1803,
96.9385

Harmonies

Analogous

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



76.5475, 84.8205, 90.0554



76.6926, 84.8205, 96.3343



77.8786, 84.8205, 101.7728

Triad

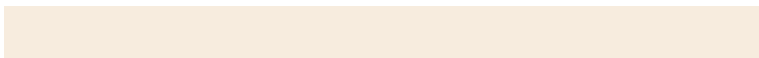
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.6926, 84.8205, 96.3343



83.8439, 84.8205, 100.5249



81.4318, 84.8205, 80.9924

Complementary

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



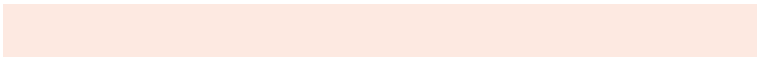
76.6926, 84.8205, 96.3343



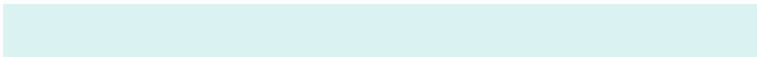
74.3473, 74.0843, 76.7147

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.



83.4237, 84.8205, 83.5371



76.6926, 84.8205, 96.3343



84.8331, 84.8205, 94.6936

Square

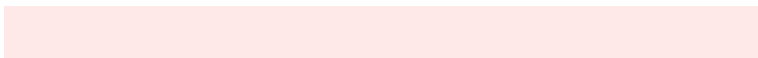
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.6926, 84.8205, 96.3343



81.9970, 84.8205, 104.2670



84.6779, 84.8205, 88.4870



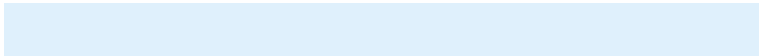
79.2572, 84.8205, 81.3869

Rectangle

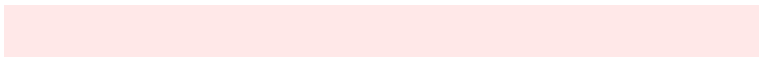
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



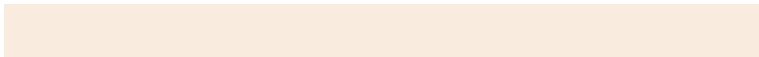
76.6926, 84.8205, 96.3343



79.1121, 84.8205, 104.1011



84.6779, 84.8205, 88.4870



82.1456, 84.8205, 81.5276

Sweetspot

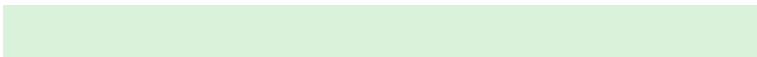
The Sweet Spot groups the original color and five complimentary colors.



76.6950, 84.8241, 96.3362



92.2911, 98.5778, 108.7699



73.4427, 83.5370, 78.5845



19.6003, 21.0204, 23.2740



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.



76.6950, 84.8241, 96.3362



84.6739, 94.6510, 108.4106



73.3512, 78.1355, 95.2242



16.2473, 17.9290, 20.3254



25.6645, 37.5578, 51.0097



2.1351, 3.1245, 4.2437

Inverse Universe

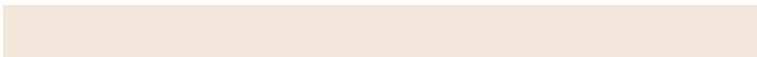
The Inverse Universe completely reimagines the original color for something new.



74.3473, 74.0843, 76.7147



81.5128, 80.1904, 81.9911



77.4615, 80.3135, 77.7505



15.7730, 15.7589, 16.3607



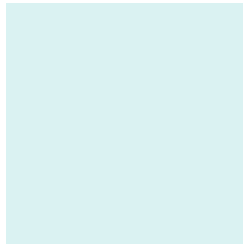
19.6716, 10.1411, 0.9214



1.6365, 0.8437, 0.0768

Previews

White Background



This preview shows how the XYZ color 76.6926, 84.8205, 96.3343 looks on a white background.

Color Contrast Check

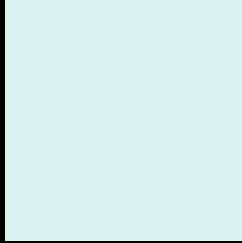
Large Text (above 18pt) WCAG AA × Fail

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 76.6926, 84.8205, 96.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

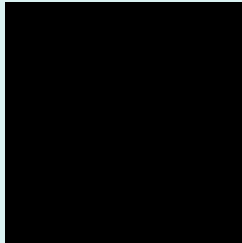
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.6926, 84.8205, 96.3343

Background



This preview shows how black text looks on a background with the XYZ color 76.6926, 84.8205, 96.3343.



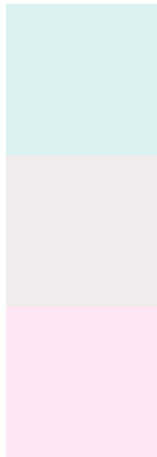
This preview shows how white text looks on a background with the XYZ color 76.6926, 84.8205,

96.3343.

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

76.6926, 84.8205, 96.3343

Protanopia

81.3632, 84.6892, 92.9473

Deuteranopia

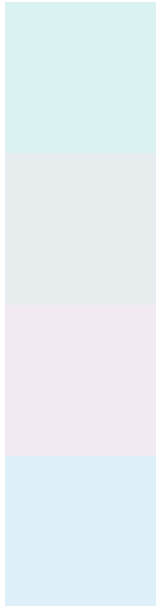
85.8659, 84.3853, 97.3503



Tritanopia

79.6570, 84.8003, 106.7775

Trichromacy



Original Color

76.6926, 84.8205, 96.3343

Protanomaly

79.4332, 84.5369, 93.7920

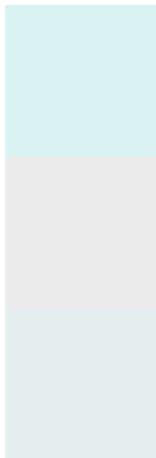
Deuteranomaly

82.2184, 84.1939, 96.7117

Tritanomaly

78.5396, 84.7519, 102.6618

Monochromacy



Original Color

76.6926, 84.8205, 96.3343

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.3203, 83.9801, 92.9708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6926, 84.8205, 96.3343 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(218, 242, 242)` looks like.

```
.text, #text, p{  
    color:rgb(218, 242, 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(218, 242, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 242, 242) }
```

Border

The CSS property to change the border of an element to XYZ 76.6926, 84.8205, 96.3343 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(218, 242, 242) }
```


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

```
.border{ border-color:rgb(218, 242, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 242, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 242, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 242, 242);  
box-shadow:4px 4px 4px 4px rgb(218, 242,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6926, 84.8205, 96.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 242, 242) }
```

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

```
.background{ background-color: rgb(218,  
242, 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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