

Converting Colors

XYZ(68.3548, 73.4926, 88.4247)

Have a look what the booklet for
XYZ(68.3548, 73.4926, 88.4247)
contains.

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Color

**XYZ(68.3548, 73.4926,
88.4247)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E1EA
RGB	210, 225, 234
RGB Percent	82%, 88%, 92%
CMY	0.1765, 0.1176, 0.0823
CMYK	0.10, 0.04, 0.00, 0.08
HSL	202°, 36%, 87%
HSV	202°, 10%, 92%
XYZ	68.3548, 73.4926, 88.4247
YIQ	221.5410, -11.8290, -0.3810

Conversions

Conversions Part 2

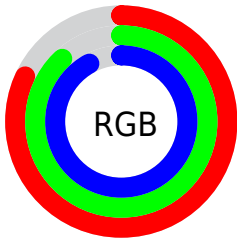
Format	Color
R _Y B	210, 219, 234
Decimal	13820394
CIE Lab	88.68, -3.25, -6.11
CIE LCh	89, 6.919, 242.001
Yxy	73.4926, 0.2968, 0.3192
Android (android.graphics.Color)	4292010474 (0xFFD2E1EA)
YUV	221.5410, 6.1423, -10.1215
Hunter-Lab	85.7278, -7.6973, -1.1457

Details

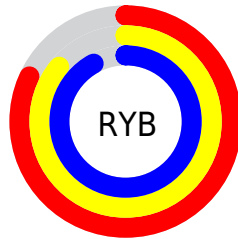
The XYZ color **68.3548, 73.4926, 88.4247** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.8963, 72.8080, 71.2906**, and the grayscale version is **69.0734, 72.6706, 79.1383**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.9282, 38.9324, 47.7406** is the 20% darker color. If you saturate the color by 10%, you get **59.8634, 65.6867, 87.3667**, and if you desaturate by 10%, it is **77.9464, 82.0506, 89.5722**.

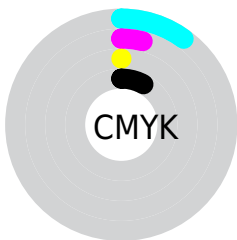
Distribution



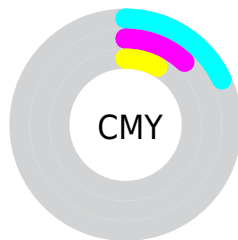
- Red (82%)
- Green (88%)
- Blue (92%)



- Red (82%)
- Yellow (86%)
- Blue (92%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (8%)



- Cyan (18%)
- Magenta (12%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.3548, 73.4926, 88.4247 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 68.3548, 73.4926, 88.4247 by changing the saturation by 10% instead.

■ 68.3548, 73.4926,
88.4247

■ 68.3548, 73.4926,
88.4247

444.1091,
472.7203, 543.3303

■ 50.4612, 54.3788,
66.1085

115.8987,
124.1763, 147.0646

■ 35.9993, 38.9046,
47.9035

146.2797,
156.5150, 184.2254

■ 24.6037, 26.6855,
33.3910

181.5538,
194.0308, 227.1715

■ 15.9092, 17.3372,
22.1526

222.0864,
237.1081, 276.3215

■ 9.5504, 10.4752,
13.7697

268.2429,
286.1313, 332.0938

■ 5.1618, 5.7151,
7.8237

320.3886,

■ 2.3783, 2.6727,

341.4848, 394.9070

3.8962

378.8889,
403.5530, 465.1797

■ 0.8343, 0.9633,
1.5686

■ 0.0000, 0.0000,
0.2682

■ 68.3548, 73.4926,
88.4247

■ 68.3548, 73.4926,
88.4247

■ 59.8634, 65.6867,
87.3667

■ 77.9464, 82.0506,
89.5722

■ 52.4219, 58.5982,
86.3907

■ 88.0071, 91.0318,
90.7755

■ 45.9855, 52.2032,
85.4956

■ 90.6887, 96.3951,
91.6693

■ 40.5032, 46.4728,
84.6784

■ 91.8515, 98.7206,
92.0569

■ 35.9196, 41.3753,
83.9361

■ 32.1726, 36.8760,
83.2651

■ 29.1919, 32.9354,
82.6616

■ 26.8937, 29.5072,
82.1211

■ 25.1744, 26.5864,
81.6479

Harmonies

Analogous

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



67.1627, 73.4926, 84.9975



68.3548, 73.4926, 88.4247



69.9647, 73.4926, 89.5750

Triad

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



68.3548, 73.4926, 88.4247



73.1134, 73.4926, 79.7001



68.1635, 73.4926, 72.4676

Complementary

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



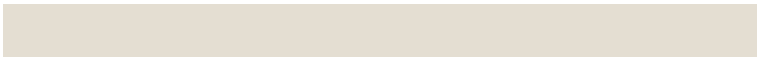
68.3548, 73.4926, 88.4247



70.8963, 72.8080, 71.2906

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.



69.7404, 73.4926, 71.1716



68.3548, 73.4926, 88.4247



72.6132, 73.4926, 75.2425

Square

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



68.3548, 73.4926, 88.4247



72.7283, 73.4926, 84.4195



71.3719, 73.4926, 72.1673



67.0535, 73.4926, 75.7779

Rectangle

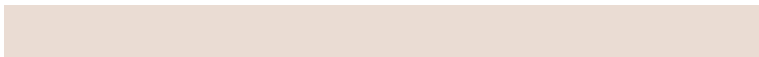
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.3548, 73.4926, 88.4247



71.0632, 73.4926, 88.8605



71.3719, 73.4926, 72.1673



68.6556, 73.4926, 71.7880

Sweetspot

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



68.3569, 73.4957, 88.4263



91.3833, 96.7618, 108.4682



68.7622, 77.6524, 78.2453



19.3546, 20.5288, 23.1923



0.0000, 0.0000, 0.0000



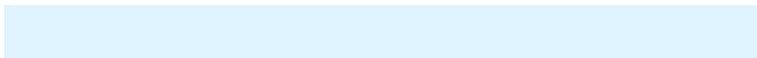
20.3446, 21.4041, 23.3091

Same Dimension

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



68.3569, 73.4957, 88.4263



81.1239, 87.5498, 107.2309



65.2754, 67.3325, 87.3991



15.0157, 16.1179, 19.2419



14.2711, 15.1893, 45.9226



1.2125, 1.3765, 3.6367

Inverse Universe

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



70.5705, 69.0233, 80.8412



84.2610, 81.2897, 96.4633



74.0857, 79.1867, 72.3537



15.4615, 15.2125, 17.7155



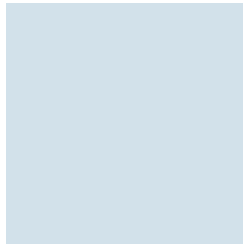
22.0587, 11.0262, 16.6424



1.7785, 0.8844, 1.5510

Previews

White Background



This preview shows how the XYZ color 68.3548, 73.4926, 88.4247 looks on a white background.

Color Contrast Check

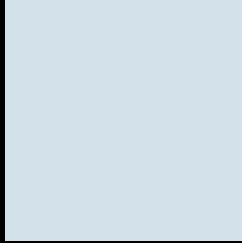
Large Text (above 18pt) WCAG AA × Fail

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 68.3548, 73.4926, 88.4247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

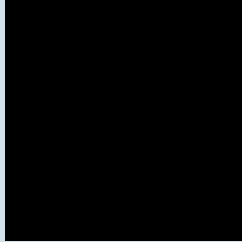
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

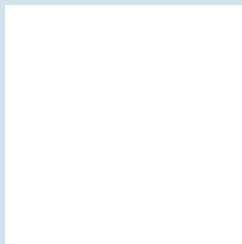
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.3548, 73.4926, 88.4247

Background



This preview shows how black text looks on a background with the XYZ color 68.3548, 73.4926, 88.4247.

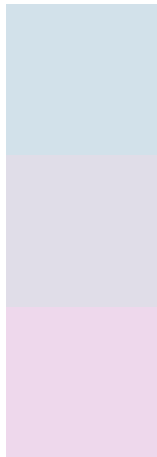


This preview shows how white text looks on a background with the XYZ color 68.3548, 73.4926,

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

68.3548, 73.4926, 88.4247

Protanopia

71.1624, 73.3864, 86.7583

Deuteranopia

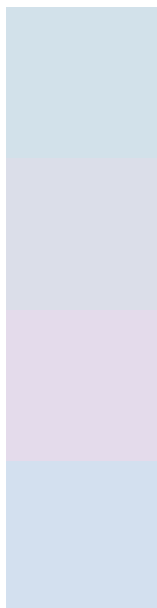
74.9561, 73.3450, 89.5633



Tritanopia

69.5466, 73.5710, 94.5395

Trichromacy



Original Color

68.3548, 73.4926, 88.4247

Protanomaly

70.0427, 73.1858, 87.5254

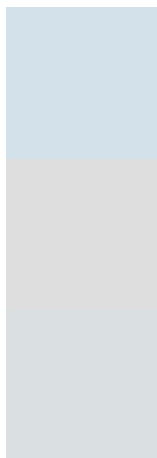
Deuteranomaly

72.3218, 73.1552, 88.9059

Tritanomaly

69.0996, 73.3922, 92.1855

Monochromacy



Original Color

68.3548, 73.4926, 88.4247

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.0286, 73.1718, 82.4369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3548, 73.4926, 88.4247 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(210, 225, 234) looks like.

```
.text, #text, p{  
    color:rgb(210, 225, 234)  
}
```

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(210, 225, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 225, 234) }
```

Border

The CSS property to change the border of an element to XYZ 68.3548, 73.4926, 88.4247 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(210, 225, 234) }
```


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

```
.border{ border-color:rgb(210, 225, 234) }
```

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

Here you see how a box with a 4 pixel rgb(210, 225, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 225, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 225, 234);  
box-shadow:4px 4px 4px 4px rgb(210, 225,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3548, 73.4926, 88.4247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 225, 234) }
```

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

```
.background{ background-color: rgb(210,  
225, 234) }
```

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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