

Converting Colors

XYZ(69.4867, 79.4775, 58.9308)

Have a look what the booklet for
XYZ(69.4867, 79.4775, 58.9308)
contains.

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Color

**XYZ(69.3965, 79.2667,
58.6561)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DFECBB |
| RGB | 223, 236, 187 |
| RGB Percent | 87%, 93%, 73% |
| CMY | 0.1255, 0.0745, 0.2667 |
| CMYK | 0.06, 0.00, 0.21, 0.07 |
| HSL | 76°, 56%, 83% |
| HSV | 76°, 21%, 93% |
| XYZ | 69.3965, 79.2667, 58.6561 |
| YIQ | 226.5270, 7.9810, -17.9950 |

Conversions

Conversions Part 2

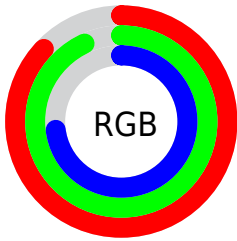
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 187, 236, 200 |
| Decimal | 14675131 |
| CIELab | 91.35, -12.50, 22.36 |
| CIELCh | 91, 25.618, 119.216 |
| Yxy | 79.2667, 0.3347, 0.3823 |
| Android (android.graphics.Color) | 4292865211 (0xFFDFECBB) |
| YUV | 226.5270, -19.4868, -3.0932 |
| Hunter-Lab | 89.0318, -16.6727, 23.2608 |

Details

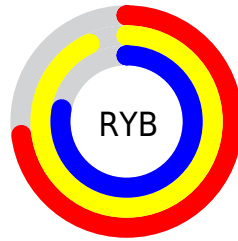
The XYZ color **69.3965, 79.2667, 58.6561** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **56.7331, 53.8783, 86.7706**, and the grayscale version is **72.8048, 76.5964, 83.4134**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **36.7728, 42.6886, 28.8558** is the 20% darker color. If you saturate the color by 10%, you get **65.1813, 77.3644, 46.3366**, and if you desaturate by 10%, it is **74.1026, 81.3789, 73.1692**.

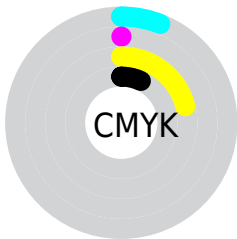
Distribution



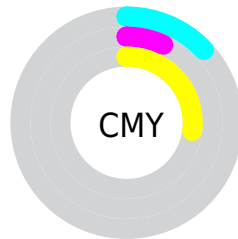
- Red (87%)
- Green (93%)
- Blue (73%)



- Red (73%)
- Yellow (93%)
- Blue (78%)



- Cyan (6%)
- Magenta (0%)
- Yellow (21%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3965, 79.2667, 58.6561 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 69.3965, 79.2667, 58.6561 by changing the saturation by 10% instead.

69.3965, 79.2667,
58.6561

69.3965, 79.2667,
58.6561

447.7277,
492.4581, 437.2926

51.3125, 59.1151,
41.9182

117.3787,
132.3343, 104.4019

36.6794, 42.7058,
28.7121

148.0076,
166.0190, 134.2468

25.1319, 29.6543,
18.6194

183.5488,
204.9836, 169.2978

16.3046, 19.5764,
11.2216

224.3678,
249.6125, 209.9734

9.8322, 12.0875,
6.1000

270.8298,
300.2899, 256.6921

5.3492, 6.8033,
2.8362

323.3002,

2.4904, 3.3394,

357.4004, 309.8725

1.0116

382.1444,
421.3284, 369.9332

■ 0.8904, 1.3114,
0.0000

■ 0.0000, 0.1500,
0.0000

■ 69.3965, 79.2667,
58.6561

■ 69.3965, 79.2667,
58.6561

■ 65.1813, 77.3644,
46.3366

■ 74.1026, 81.3789,
73.1692

■ 61.4296, 75.6531,
36.0988

■ 79.3129, 83.6984,
89.9701

■ 58.1208, 74.1270,
27.8288

■ 84.5932, 86.0543,
106.7594

■ 55.2301, 72.7760,
21.3995

■ 86.7775, 87.1804,
106.8616

■ 52.7296, 71.5891,
16.6690

■ 89.0363, 88.3448,
106.9673

■ 50.5878, 70.5534,
13.4750

■ 89.2871, 88.4741,
106.9790

■ 48.7669, 69.6538,
11.6231

■ 47.3133, 68.9210,
10.8094

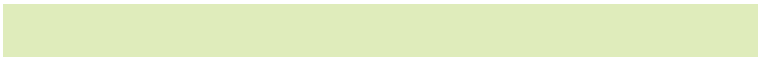
Harmonies

Analogous

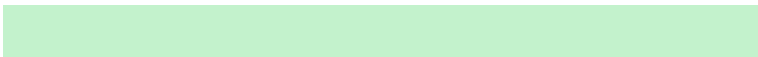
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.5121, 79.2667, 55.2047



69.3965, 79.2667, 58.6561



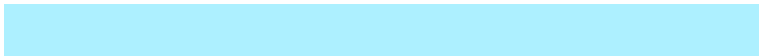
65.0937, 79.2667, 69.2349

Triad

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



69.3965, 79.2667, 58.6561



69.1160, 79.2667, 120.9014



88.5581, 79.2667, 86.7995

Complementary

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



69.3965, 79.2667, 58.6561



56.7331, 53.8783, 86.7706

Split Complementary

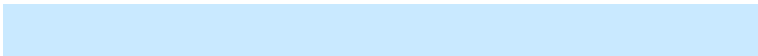
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.6101, 79.2667, 105.9796



69.3965, 79.2667, 58.6561



75.1694, 79.2667, 127.3295

Square

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



69.3965, 79.2667, 58.6561



64.9384, 79.2667, 105.0082



81.6148, 79.2667, 121.5166



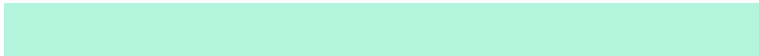
86.7983, 79.2667, 69.9711

Rectangle

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



69.3965, 79.2667, 58.6561



63.7048, 79.2667, 79.7745



81.6148, 79.2667, 121.5166



88.3135, 79.2667, 93.1887

Sweetspot

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



69.3986, 79.2702, 58.6578



91.2055, 98.2915, 96.3697



64.0455, 62.3851, 55.6808



19.4351, 20.9998, 20.3483



0.0000, 0.0000, 0.0000



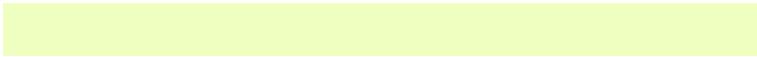
20.3446, 21.4041, 23.3091

Same Dimension

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



69.3986, 79.2702, 58.6578



80.4788, 93.4839, 63.2371



62.5873, 75.7588, 58.3390



15.9393, 17.4142, 16.0399



26.2072, 38.0548, 5.9640



2.1479, 3.0346, 0.4725

Inverse Universe

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



56.7331, 53.8783, 86.7706



62.7952, 58.0251, 102.4980



63.5764, 57.4061, 87.0908



14.6061, 14.7422, 18.9980



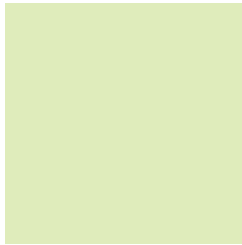
9.5668, 3.9678, 44.0046



0.8397, 0.3572, 3.4596

Previews

White Background



This preview shows how the XYZ color 69.3965, 79.2667, 58.6561 looks on a white background.

Color Contrast Check

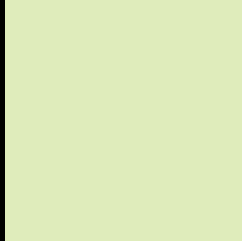
Large Text (above 18pt) WCAG AA × Fail

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 69.3965, 79.2667, 58.6561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

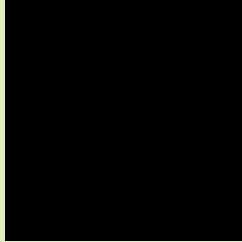
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

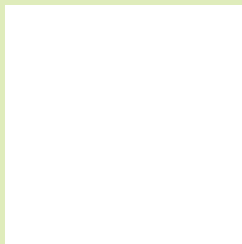
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.3965, 79.2667, 58.6561

Background



This preview shows how black text looks on a background with the XYZ color 69.3965, 79.2667, 58.6561.

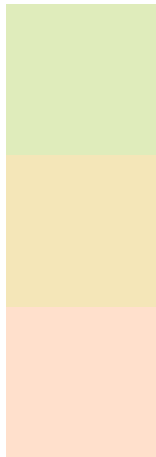


This preview shows how white text looks on a background with the XYZ color 69.3965, 79.2667,

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

69.3965, 79.2667, 58.6561

Protanopia

74.2568, 79.2874, 56.7377

Deuteranopia

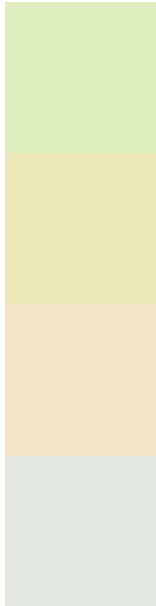
78.7947, 78.9309, 68.2090



Tritanopia

77.3330, 79.1296, 98.3864

Trichromacy



Original Color

69.3965, 79.2667, 58.6561

Protanomaly

72.2056, 79.0489, 57.3513

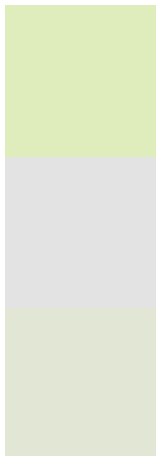
Deuteranomaly

74.8986, 78.6187, 64.6534

Tritanomaly

74.1614, 79.0821, 82.5898

Monochromacy



Original Color

69.3965, 79.2667, 58.6561

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

71.5445, 77.5158, 73.4786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3965, 79.2667, 58.6561 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, 236, 187)` looks like.

```
.text, #text, p{  
    color:rgb(223, 236, 187)  
}
```

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, 236, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 236, 187) }
```

Border

The CSS property to change the border of an element to XYZ 69.3965, 79.2667, 58.6561 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, 236, 187) }
```


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

```
.border{ border-color:rgb(223, 236, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 236, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 236, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 236, 187);  
box-shadow:4px 4px 4px 4px rgb(223, 236,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3965, 79.2667, 58.6561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 236, 187) }
```

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

```
.background{ background-color: rgb(223,  
236, 187) }
```

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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