

Converting Colors

XYZ(69.0499, 76.7711, 87.5602)

Have a look what the booklet for
XYZ(69.0499, 76.7711, 87.5602)
contains.

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Color

**XYZ(69.1542, 76.8048,
87.5239)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE8E8
RGB	207, 232, 232
RGB Percent	81%, 91%, 91%
CMY	0.1882, 0.0902, 0.0902
CMYK	0.11, 0.00, 0.00, 0.09
HSL	180°, 35%, 86%
HSV	180°, 11%, 91%
XYZ	69.1542, 76.8048, 87.5239
YIQ	224.5250, -14.9000, -5.3000

Conversions

Conversions Part 2

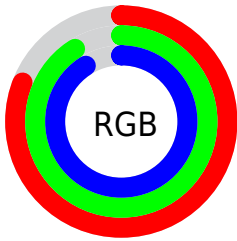
Format	Color
R _Y B	207, 220, 232
Decimal	13625576
CIE Lab	90.23, -8.19, -2.80
CIE LCh	90, 8.654, 198.889
Yxy	76.8048, 0.2962, 0.3290
Android (android.graphics.Color)	4291815656 (0xFFCFE8E8)
YUV	224.5250, 3.6852, -15.3694
Hunter-Lab	87.6383, -12.5152, 2.1343

Details

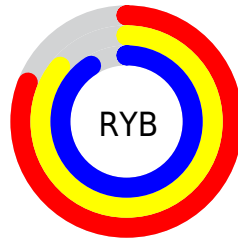
The XYZ color **69.1542, 76.8048, 87.5239** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.8568, 66.2885, 68.3062**, and the grayscale version is **71.2111, 74.9196, 81.5874**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.3107, 40.8607, 47.0474** is the 20% darker color. If you saturate the color by 10%, you get **63.1429, 73.7080, 87.2418**, and if you desaturate by 10%, it is **76.1223, 80.3990, 87.8540**.

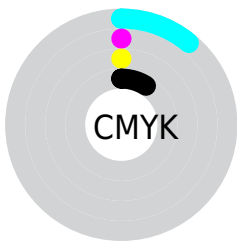
Distribution



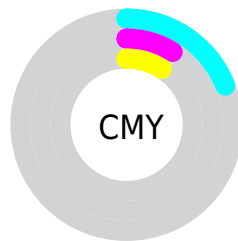
- Red (81%)
- Green (91%)
- Blue (91%)



- Red (81%)
- Yellow (86%)
- Blue (91%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (19%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1542, 76.8048, 87.5239 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 69.1542, 76.8048, 87.5239 by changing the saturation by 10% instead.

69.1542, 76.8048,
87.5239

69.1542, 76.8048,
87.5239

446.8875,
484.0982, 540.3037

51.1144, 57.0927,
65.3667

117.0347,
128.8639, 145.7994

36.5211, 41.0797,
47.3053

147.6060,
161.9797, 182.7549

25.0089, 28.3813,
32.9210

183.0853,
200.3321, 225.4803

16.2124, 18.6133,
21.7953

223.8378,
244.3056, 274.3940

9.7664, 11.3912,
13.5097

270.2289,
294.2846, 329.9147

5.3054, 6.3306,
7.6456

322.6240,

2.4641, 3.0471,

350.6534, 392.4608

3.7845

381.3884,
413.7965, 462.4510

■ 0.8772, 1.1564,
1.5079

■ 0.0000, 0.0257,
0.2238

■ 69.1542, 76.8048,
87.5239

■ 69.1542, 76.8048,
87.5239

■ 63.1429, 73.7080,
87.2418

■ 76.1223, 80.3990,
87.8540

■ 58.0405, 71.0776,
87.0007


■ 84.0795, 84.5011,
88.2287


■ 53.8047, 68.8941,
86.8001


■ 84.6651, 84.8029,
88.2585


■ 50.3874, 67.1324,
86.6378


■ 84.6656, 84.8031,
88.2609


 47.7358, 65.7655,
86.5113


 84.6660, 84.8032,
88.2633


 45.7909, 64.7630,
86.4179


 84.6665, 84.8034,
88.2657

 44.4852, 64.0899,
86.3544

 84.6669, 84.8036,
88.2681

 43.7379, 63.7047,
86.3171

 84.6674, 84.8038,
88.2705

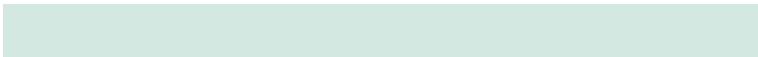
 43.4197, 63.5407,
86.3000

 84.6678, 84.8040,
88.2728

Harmonies

Analogous

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



69.0141, 76.8048, 81.3638



69.1542, 76.8048, 87.5239



70.3129, 76.8048, 92.8801

Triad

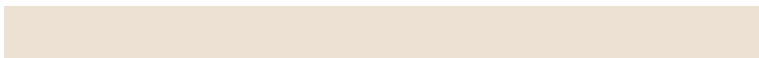
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.1542, 76.8048, 87.5239



76.1637, 76.8048, 91.6660



73.8012, 76.8048, 72.5268

Complementary

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



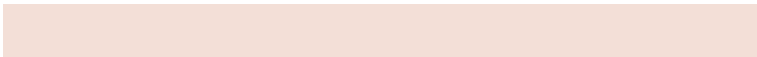
69.1542, 76.8048, 87.5239



66.8568, 66.2885, 68.3062

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.



75.7561, 76.8048, 75.0105



69.1542, 76.8048, 87.5239



77.1378, 76.8048, 85.9325

Square

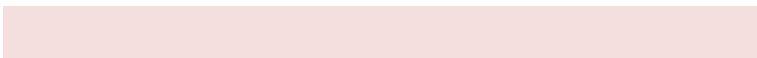
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.1542, 76.8048, 87.5239



74.3488, 76.8048, 95.3515



76.9872, 76.8048, 79.8482



71.6689, 76.8048, 72.9059

Rectangle

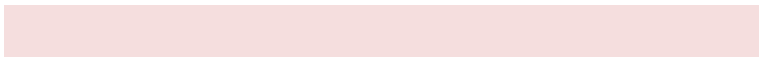
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



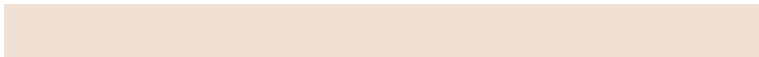
69.1542, 76.8048, 87.5239



71.5200, 76.8048, 95.1801



76.9872, 76.8048, 79.8482



74.5016, 76.8048, 73.0495

Sweetspot

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



69.1564, 76.8080, 87.5256



92.2912, 98.5778, 108.7700



65.9700, 75.5469, 70.1377



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.



69.1564, 76.8080, 87.5256



83.8875, 94.2456, 108.3738



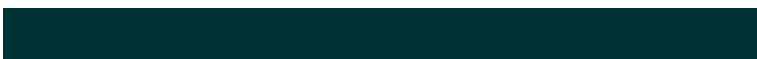
65.8711, 70.2367, 86.4329



14.8074, 16.3364, 18.5167



24.1038, 35.2736, 47.9083



1.7812, 2.6066, 3.5404

Inverse Universe

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



66.8568, 66.2885, 68.3062



80.4868, 78.6890, 79.9515



69.8972, 72.3701, 69.3176



14.3771, 14.3680, 14.9204



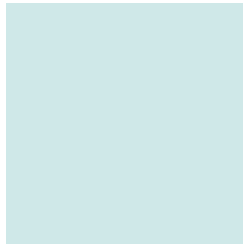
18.4752, 9.5243, 0.8653



1.3653, 0.7038, 0.0641

Previews

White Background



This preview shows how the XYZ color 69.1542, 76.8048, 87.5239 looks on a white background.

Color Contrast Check

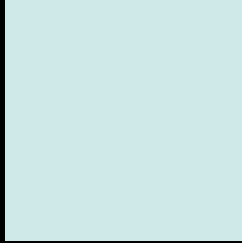
Large Text (above 18pt) WCAG AA × Fail

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 69.1542, 76.8048, 87.5239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

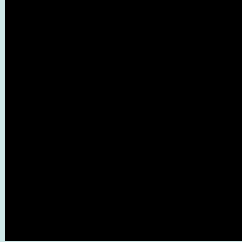
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

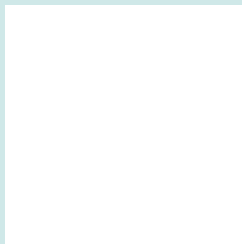
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.1542, 76.8048, 87.5239

Background



This preview shows how black text looks on a background with the XYZ color 69.1542, 76.8048, 87.5239.



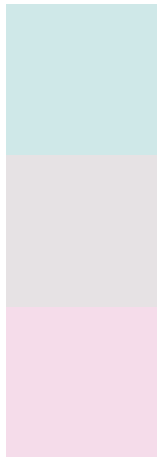
This preview shows how white text looks on a background with the XYZ color 69.1542, 76.8048,

87.5239.

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

69.1542, 76.8048, 87.5239

Protanopia

73.8331, 76.8171, 84.3346

Deuteranopia

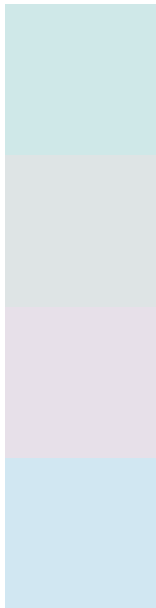
78.1007, 76.5394, 88.4991



Tritanopia

71.8184, 77.0726, 99.8982

Trichromacy



Original Color

69.1542, 76.8048, 87.5239

Protanomaly

72.0105, 76.6735, 85.1329

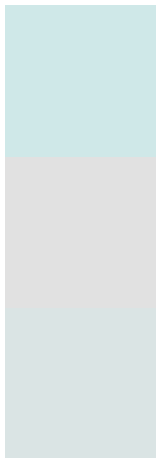
Deuteranomaly

74.3186, 76.1834, 87.8787

Tritanomaly

70.8974, 77.1179, 95.1530

Monochromacy



Original Color

69.1542, 76.8048, 87.5239

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

70.6604, 75.9937, 84.3428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1542, 76.8048, 87.5239 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(207, 232, 232)` looks like.

```
.text, #text, p{  
    color:rgb(207, 232, 232)  
}
```

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(207, 232, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 232, 232) }
```

Border

The CSS property to change the border of an element to XYZ 69.1542, 76.8048, 87.5239 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(207, 232, 232) }
```


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

```
.border{ border-color:rgb(207, 232, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 232, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 232, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 232, 232);  
box-shadow:4px 4px 4px 4px rgb(207, 232,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1542, 76.8048, 87.5239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 232, 232) }
```

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

```
.background{ background-color: rgb(207,  
232, 232) }
```

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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