

Converting Colors

XYZ(69.4754, 80.4372, 81.4227)

Have a look what the booklet for
XYZ(69.4754, 80.4372, 81.4227)
contains.

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Color

**XYZ(69.6562, 80.6270,
81.7033)**

Conversions

Conversions Part 1

Format	Color
Hex	CDF0DF
RGB	205, 240, 223
RGB Percent	80%, 94%, 87%
CMY	0.1961, 0.0588, 0.1255
CMYK	0.15, 0.00, 0.07, 0.06
HSL	151°, 54%, 87%
HSV	151°, 15%, 94%
XYZ	69.6562, 80.6270, 81.7033
YIQ	227.5970, -15.4030, -12.7070

Conversions

Conversions Part 2

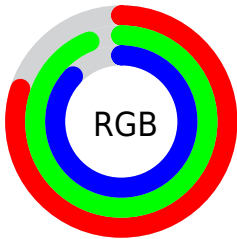
Format	Color
R _Y B	205, 228, 240
Decimal	13496543
CIE Lab	91.97, -14.58, 4.40
CIE LCh	92, 15.226, 163.185
Yxy	80.6270, 0.3003, 0.3476
Android (android.graphics.Color)	4291686623 (0xFFCDF0DF)
YUV	227.5970, -2.2663, -19.8176
Hunter-Lab	89.7925, -18.6663, 8.9061

Details

The XYZ color **69.6562, 80.6270, 81.7033** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.9542, 67.4639, 78.3931**, and the grayscale version is **73.4744, 77.3008, 84.1805**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7860, 43.5922, 43.5211** is the 20% darker color. If you saturate the color by 10%, you get **62.0189, 76.8675, 73.4219**, and if you desaturate by 10%, it is **78.4218, 84.9601, 90.6059**.

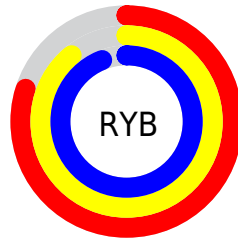
Distribution



Red (80%)

Green (94%)

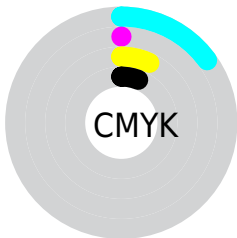
Blue (87%)



Red (80%)

Yellow (89%)

Blue (94%)

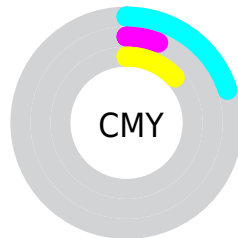


Cyan (15%)

Magenta (0%)

Yellow (7%)

Black (6%)



Cyan (20%)

Magenta (6%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6562, 80.6270, 81.7033 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 69.6562, 80.6270, 81.7033 by changing the saturation by 10% instead.

69.6562, 80.6270,
81.7033

69.6562, 80.6270,
81.7033

448.6272,
497.0434, 520.5121

51.5249, 60.2344,
60.5866

117.7473,
134.2469, 137.5908

36.8492, 43.6076,
43.4633

148.4378,
168.2430, 173.1987

25.2639, 30.3622,
29.9147

184.0454,
207.5425, 214.4741

16.4036, 20.1136,
19.5223

224.9354,
252.5297, 261.8355

9.9028, 12.4777,
11.8677

271.4732,
303.5889, 315.7014

5.3964, 7.0699,
6.5322

324.0243,

2.5188, 3.5058,

361.1047, 376.4905

3.0973

382.9538,
425.4614, 444.6212

■ 0.9047, 1.4012,
1.1445

■ 0.0000, 0.2176,
0.0000

■ 69.6562, 80.6270,
81.7033

■ 69.6562, 80.6270,
81.7033

■ 62.0189, 76.8675,
73.4219

■ 78.4218, 84.9601,
90.6059

■ 55.4549, 73.6468,
65.7429

■ 88.3542, 89.8798,
100.1375

■ 49.9144, 70.9417,
58.6539

■ 90.4516, 90.8032,
107.3672

■ 45.3411, 68.7235,
52.1403

■ 41.6729, 66.9605,
46.1867

■ 38.8399, 65.6168,
40.7769

■ 36.7614, 64.6512,
35.8937

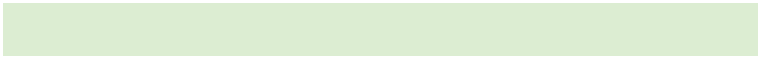
■ 35.3389, 64.0133,
31.5184

■ 34.7630, 63.7638,
29.3521

Harmonies

Analogous

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



71.6002, 80.6270, 72.9993



69.6562, 80.6270, 81.7033



69.5405, 80.6270, 92.7950

Triad

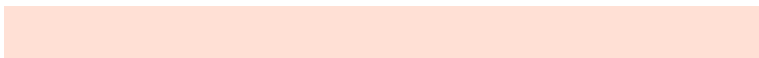
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.6562, 80.6270, 81.7033



78.3621, 80.6270, 110.4789



82.2502, 80.6270, 73.8561

Complementary

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



69.6562, 80.6270, 81.7033



70.9542, 67.4639, 78.3931

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.



84.1932, 80.6270, 82.9665



69.6562, 80.6270, 81.7033



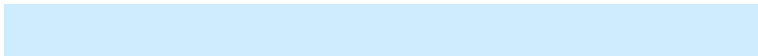
81.8975, 80.6270, 104.4526

Square

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



69.6562, 80.6270, 81.7033



74.4780, 80.6270, 110.0677



84.0619, 80.6270, 94.1698



78.8303, 80.6270, 68.7399

Rectangle

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



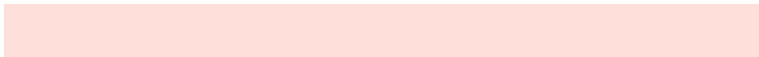
69.6562, 80.6270, 81.7033



70.5090, 80.6270, 100.1161



84.0619, 80.6270, 94.1698



83.1029, 80.6270, 76.5179

Sweetspot

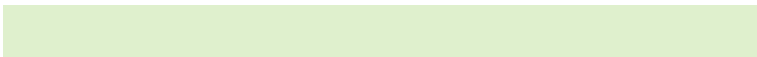
The Sweet Spot groups the original color and five complimentary colors.



69.6585, 80.6304, 81.7051



90.6089, 97.8015, 104.5816



72.4599, 82.3403, 69.8330



19.2205, 20.8477, 22.2137



0.0000, 0.0000, 0.0000



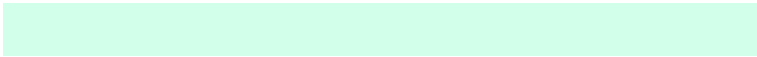
20.3446, 21.4041, 23.3091

Same Dimension

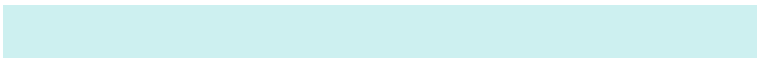
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.6585, 80.6304, 81.7051



76.7484, 90.9562, 90.3800



72.0679, 81.5942, 94.3929



15.9052, 17.7921, 18.5239



19.0965, 34.9306, 16.4230



1.6389, 2.9260, 1.6310

Inverse Universe

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



70.9542, 67.4639, 78.3931



78.5449, 72.7020, 85.7885



68.7883, 66.5976, 66.9879



16.0927, 15.8868, 18.0446



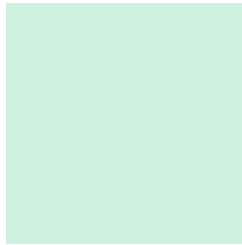
21.4825, 10.8654, 10.4573



1.8372, 0.9239, 1.1337

Previews

White Background



This preview shows how the XYZ color 69.6562, 80.6270, 81.7033 looks on a white background.

Color Contrast Check

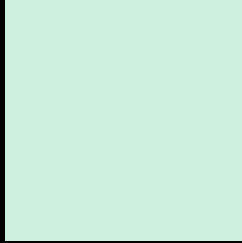
Large Text (above 18pt) WCAG AA × Fail

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 69.6562, 80.6270, 81.7033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

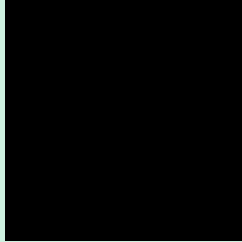
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

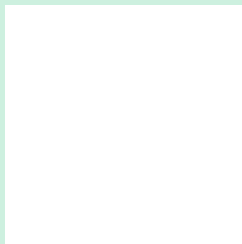
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.6562, 80.6270, 81.7033

Background



This preview shows how black text looks on a background with the XYZ color 69.6562, 80.6270, 81.7033.



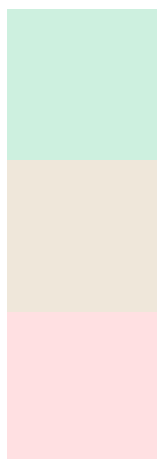
This preview shows how white text looks on a background with the XYZ color 69.6562, 80.6270,

81.7033.

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

69.6562, 80.6270, 81.7033

Protanopia

76.8274, 80.5645, 77.8309

Deuteranopia

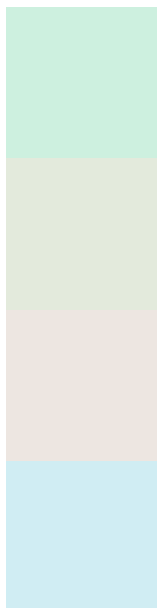
81.6231, 80.0623, 83.1031



Tritanopia

74.1761, 80.2741, 105.3509

Trichromacy



Original Color

69.6562, 80.6270, 81.7033

Protanomaly

74.0196, 80.3438, 79.3168

Deuteranomaly

76.8125, 80.0344, 82.6339

Tritanomaly

72.4743, 80.4493, 96.5025

Monochromacy



Original Color

69.6562, 80.6270, 81.7033

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.0993, 78.4199, 83.2880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6562, 80.6270, 81.7033 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(205, 240, 223)` looks like.

```
.text, #text, p{  
    color:rgb(205, 240, 223)  
}
```

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(205, 240, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 240, 223) }
```

Border

The CSS property to change the border of an element to XYZ 69.6562, 80.6270, 81.7033 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(205, 240, 223) }
```


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

```
.border{ border-color:rgb(205, 240, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 240, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 240, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 240, 223);  
box-shadow:4px 4px 4px 4px rgb(205, 240,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6562, 80.6270, 81.7033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 240, 223) }
```

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

```
.background{ background-color: rgb(205,  
240, 223) }
```

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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