

Converting Colors

XYZ(67.2887, 77.1619, 65.9908)

Have a look what the booklet for
XYZ(67.2887, 77.1619, 65.9908)
contains.

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Color

**XYZ(67.2887, 77.1619,
65.9908)**

Conversions

Conversions Part 1

Format	Color
Hex	D5EAC8
RGB	213, 234, 200
RGB Percent	84%, 92%, 78%
CMY	0.1647, 0.0823, 0.2157
CMYK	0.09, 0.00, 0.15, 0.08
HSL	97°, 45%, 85%
HSV	97°, 15%, 92%
XYZ	67.2887, 77.1619, 65.9908
YIQ	223.8450, -1.6020, -15.0260

Conversions

Conversions Part 2

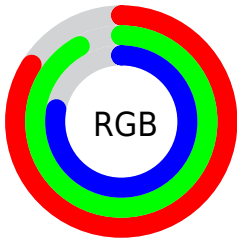
Format	Color
R_{YB}	200, 234, 221
Decimal	14019272
CIE _{Lab}	90.40, -12.98, 14.19
CIE _{LCh}	90, 19.228, 132.448
Yxy	77.1619, 0.3198, 0.3667
Android (android.graphics.Color)	4292209352 (0xFFD5EAC8)
YUV	223.8450, -11.7556, -9.5111
Hunter-Lab	87.8418, -16.9885, 16.9479

Details

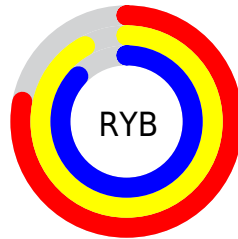
The XYZ color **67.2887, 77.1619, 65.9908** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **65.3274, 62.6233, 86.4904**, and the grayscale version is **70.8248, 74.5132, 81.1448**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2093, 41.1852, 33.2879** is the 20% darker color. If you saturate the color by 10%, you get **60.7535, 74.0873, 52.4851**, and if you desaturate by 10%, it is **74.6205, 80.6033, 81.7219**.

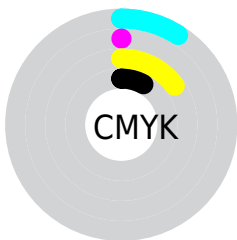
Distribution



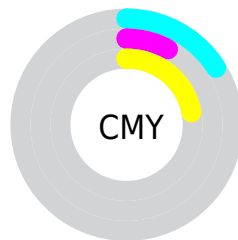
- Red (84%)
- Green (92%)
- Blue (78%)



- Red (78%)
- Yellow (92%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (15%)
- Black (8%)



- Cyan (16%)
- Magenta (8%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2887, 77.1619, 65.9908 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 67.2887, 77.1619, 65.9908 by changing the saturation by 10% instead.

67.2887, 77.1619,
65.9908

67.2887, 77.1619,
65.9908

440.3880,
485.3159, 464.7473

49.5908, 57.3858,
47.8085

114.3815,
129.3680, 115.1000

35.3049, 41.3150,
33.3163

144.5072,
162.5667, 146.8640

24.0654, 28.5653,
22.0958

179.5061,
201.0085, 183.9923

15.5072, 18.7522,
13.7283

219.7438,
245.0776, 226.9034

9.2647, 11.4914,
7.7954

265.5854,
295.1585, 276.0160

4.9727, 6.3984,
3.8784

317.3964,

2.2659, 3.0888,

351.6356, 331.7484

1.5589

375.5422,
414.8932, 394.5194

0.7771, 1.1783,
0.2612

0.0000, 0.0438,
0.0000

67.2887, 77.1619,
65.9908

67.2887, 77.1619,
65.9908

60.7535, 74.0873,
52.4851

74.6205, 80.6033,
81.7219

54.9798, 71.3569,
41.0995

82.7697, 84.4134,
99.7673

49.9394, 68.9607,
31.7275

88.7144, 87.3287,
106.7881

45.5993, 66.8843,
24.2515

■ 41.9239, 65.1121,
18.5417

■ 38.8738, 63.6271,
14.4519

■ 36.4048, 62.4101,
11.8126

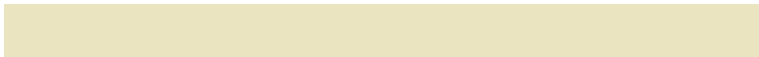
■ 34.4643, 61.4386,
10.4164

■ 33.5883, 60.9953,
10.0030

Harmonies

Analogous

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



71.3696, 77.1619, 60.7688



67.2887, 77.1619, 65.9908



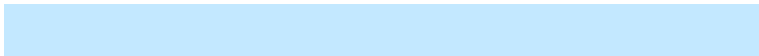
64.8918, 77.1619, 76.2981

Triad

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



67.2887, 77.1619, 65.9908



70.5931, 77.1619, 111.8061



82.7217, 77.1619, 78.4494

Complementary

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



67.2887, 77.1619, 65.9908



65.3274, 62.6233, 86.4904

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.



82.4915, 77.1619, 92.2380



67.2887, 77.1619, 65.9908



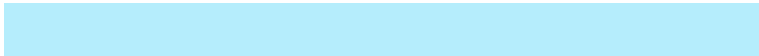
75.3464, 77.1619, 112.5445

Square

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



67.2887, 77.1619, 65.9908



66.7416, 77.1619, 103.1378



79.7438, 77.1619, 105.0571



80.3597, 77.1619, 67.4174

Rectangle

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



67.2887, 77.1619, 65.9908



64.5045, 77.1619, 85.1495



79.7438, 77.1619, 105.0571



82.9478, 77.1619, 82.8930

Sweetspot

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



67.2908, 77.1652, 65.9925



91.1707, 98.1849, 100.3726



70.2077, 73.3610, 65.1044



19.3620, 20.9443, 21.1515



0.0000, 0.0000, 0.0000



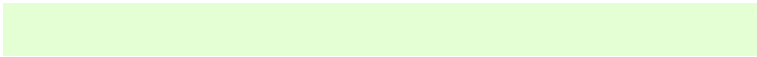
20.3446, 21.4041, 23.3091

Same Dimension

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



67.2908, 77.1652, 65.9925



79.6650, 92.7862, 75.7669



64.1396, 75.4865, 68.2970



15.4127, 17.1428, 16.0153



19.0035, 34.3411, 5.6269



1.5965, 2.7504, 0.4467

Inverse Universe

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



65.3274, 62.6233, 86.4904



76.9098, 72.3834, 104.5256



68.8765, 64.5181, 83.7142



15.1248, 15.0096, 19.0222



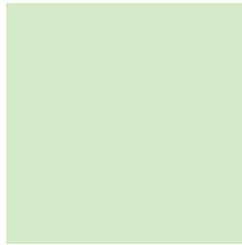
15.0069, 6.7723, 44.2592



1.2850, 0.5868, 3.4804

Previews

White Background



This preview shows how the XYZ color 67.2887, 77.1619, 65.9908 looks on a white background.

Color Contrast Check

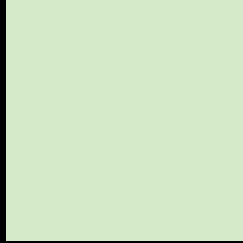
Large Text (above 18pt) WCAG AA × Fail

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 67.2887, 77.1619, 65.9908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

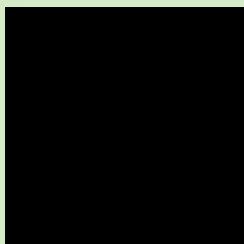
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

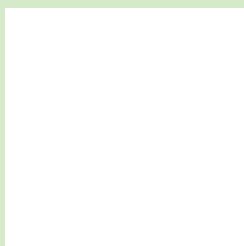
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.2887, 77.1619, 65.9908

Background



This preview shows how black text looks on a background with the XYZ color 67.2887, 77.1619, 65.9908.



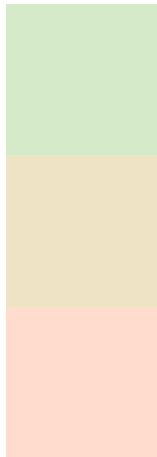
This preview shows how white text looks on a background with the XYZ color 67.2887, 77.1619,

65.9908.

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

67.2887, 77.1619, 65.9908

Protanopia

72.6928, 77.1008, 63.2752

Deuteranopia

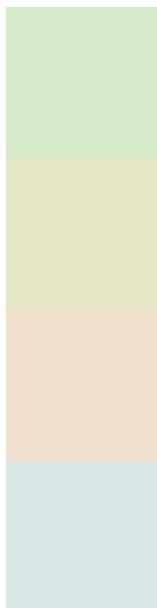
77.9738, 76.9026, 69.1266



Tritanopia

73.8932, 77.3563, 98.2254

Trichromacy



Original Color

67.2887, 77.1619, 65.9908

Protanomaly

70.6880, 77.2829, 64.0148

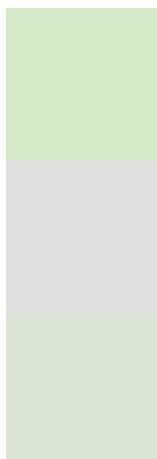
Deuteranomaly

73.7595, 76.7353, 68.0506

Tritanomaly

71.0549, 77.0025, 85.2467

Monochromacy



Original Color

67.2887, 77.1619, 65.9908

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

69.5243, 75.6087, 75.2196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2887, 77.1619, 65.9908 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(213, 234, 200)` looks like.

```
.text, #text, p{  
    color:rgb(213, 234, 200)  
}
```

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(213, 234, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 234, 200) }
```

Border

The CSS property to change the border of an element to XYZ 67.2887, 77.1619, 65.9908 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(213, 234, 200) }
```


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

```
.border{ border-color:rgb(213, 234, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 234, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 234, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 234, 200);  
box-shadow:4px 4px 4px 4px rgb(213, 234,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2887, 77.1619, 65.9908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 234, 200) }
```

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

```
.background{ background-color: rgb(213,  
234, 200) }
```

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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