

Converting Colors

XYZ(68.2758, 77.7708, 73.1346)

Have a look what the booklet for
XYZ(68.2758, 77.7708, 73.1346)
contains.

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Color

**XYZ(68.3302, 77.9687,
73.0761)**

Conversions

Conversions Part 1

Format	Color
Hex	D3EBD3
RGB	211, 235, 211
RGB Percent	83%, 92%, 83%
CMY	0.1725, 0.0784, 0.1725
CMYK	0.10, 0.00, 0.10, 0.08
HSL	120°, 38%, 87%
HSV	120°, 10%, 92%
XYZ	68.3302, 77.9687, 73.0761
YIQ	225.0880, -6.6000, -12.5520

Conversions

Conversions Part 2

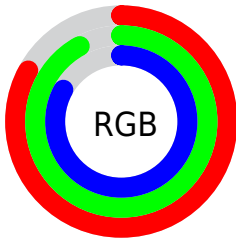
Format	Color
R_{YB}	211, 235, 235
Decimal	13888467
CIE Lab	90.77, -12.28, 8.97
CIE LCh	91, 15.211, 143.852
Yxy	77.9687, 0.3115, 0.3554
Android (android.graphics.Color)	4292078547 (0xFFD3EBD3)
YUV	225.0880, -6.9454, -12.3552
Hunter-Lab	88.2999, -16.3939, 12.7421

Details

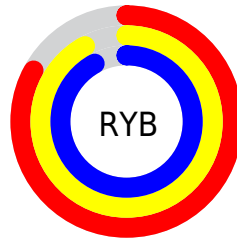
The XYZ color **68.3302, 77.9687, 73.0761** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.5535, 70.2508, 88.3368**, and the grayscale version is **71.6849, 75.4181, 82.1303**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.8312, 41.7084, 37.6145** is the 20% darker color. If you saturate the color by 10%, you get **59.3496, 73.6572, 58.3849**, and if you desaturate by 10%, it is **78.7301, 82.9666, 90.0852**.

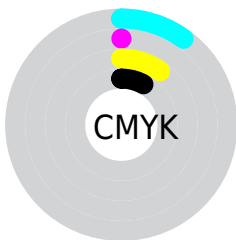
Distribution



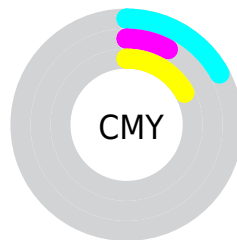
- Red (83%)
- Green (92%)
- Blue (83%)



- Red (83%)
- Yellow (92%)
- Blue (92%)



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



- Cyan (17%)
- Magenta (8%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.3302, 77.9687, 73.0761 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 68.3302, 77.9687, 73.0761 by changing the saturation by 10% instead.

68.3302, 77.9687,
73.0761

68.3302, 77.9687,
73.0761

444.0234,
488.0605, 490.3564

50.4411, 58.0483,
53.5460

115.8637,
130.5060, 125.3072

35.9832, 41.8475,
37.8481

146.2388,
163.8917, 158.8452

24.5913, 28.9819,
25.5639

181.5066,
202.5345, 197.8896

15.8999, 19.0671,
16.2748

222.0324,
246.8189, 242.8589

9.5438, 11.7188,
9.5624

268.1817,
297.1294, 294.1717

5.1575, 6.5525,
5.0080

320.3197,

2.3756, 3.1838,

353.8502, 352.2466

2.1931

378.8118,
417.3658, 417.5019

■ 0.8330, 1.2285,
0.6704

■ 0.0000, 0.0848,
0.0000

■ 68.3302, 77.9687,
73.0761

■ 68.3302, 77.9687,
73.0761

■ 59.3496, 73.6572,
58.3849

■ 78.7301, 82.9666,
90.0852

■ 51.7207, 69.9926,
45.9065

■ 88.9998, 87.8997,
106.8833

■ 45.3802, 66.9469,
35.5354

■ 40.2568, 64.4859,
27.1551

■ 36.2727, 62.5722,
20.6384

■ 33.3410, 61.1639,
15.8430

■ 31.3622, 60.2134,
12.6061

■ 30.2178, 59.6637,
10.7342

■ 29.7099, 59.4197,
9.9034

Harmonies

Analogous

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



71.1750, 77.9687, 67.0652



68.3302, 77.9687, 73.0761



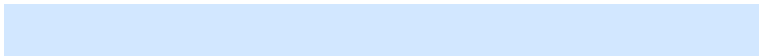
67.0384, 77.9687, 82.6607

Triad

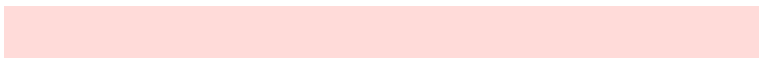
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.3302, 77.9687, 73.0761



73.3227, 77.9687, 107.5845



81.0328, 77.9687, 76.6659

Complementary

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



68.3302, 77.9687, 73.0761



72.5535, 70.2508, 88.3368

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.



81.6556, 77.9687, 87.1685



68.3302, 77.9687, 73.0761



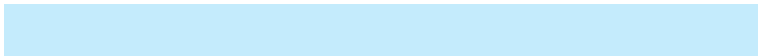
77.1182, 77.9687, 105.6334

Square

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



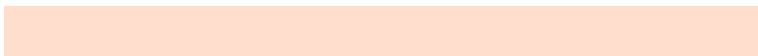
68.3302, 77.9687, 73.0761



69.8563, 77.9687, 103.0473



80.2004, 77.9687, 97.9234



78.5265, 77.9687, 69.0097

Rectangle

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



68.3302, 77.9687, 73.0761



67.1989, 77.9687, 90.0334



80.2004, 77.9687, 97.9234



81.4729, 77.9687, 79.9553

Sweetspot

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



68.3323, 77.9720, 73.0778



91.0839, 98.0949, 102.4128



75.7306, 81.7860, 73.4239



19.2746, 20.8901, 21.5589



0.0000, 0.0000, 0.0000



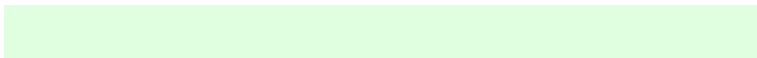
20.3446, 21.4041, 23.3091

Same Dimension

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



68.3323, 77.9720, 73.0778



80.1335, 92.8349, 84.5015



69.8940, 78.5967, 81.3013



14.8684, 16.8622, 15.9898



16.5341, 33.0681, 5.5114



1.2983, 2.5966, 0.4328

Inverse Universe

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



72.5535, 70.2508, 88.3368



86.0532, 82.0066, 105.9008



70.8771, 69.5802, 79.5091



15.7149, 15.3138, 19.0498



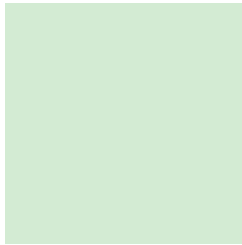
27.4132, 13.1680, 44.8386



2.1526, 1.0340, 3.5209

Previews

White Background



This preview shows how the XYZ color 68.3302, 77.9687, 73.0761 looks on a white background.

Color Contrast Check

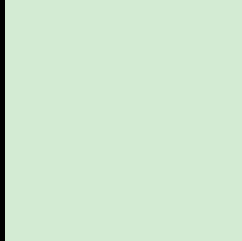
Large Text (above 18pt) WCAG AA × Fail

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 68.3302, 77.9687, 73.0761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

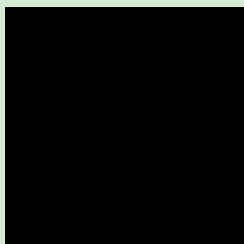
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

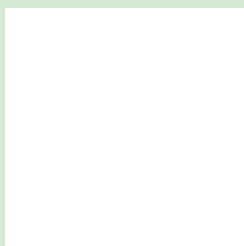
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.3302, 77.9687, 73.0761

Background



This preview shows how black text looks on a background with the XYZ color 68.3302, 77.9687, 73.0761.

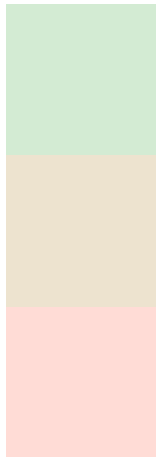


This preview shows how white text looks on a background with the XYZ color 68.3302, 77.9687,

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

68.3302, 77.9687, 73.0761

Protanopia

73.6566, 77.4477, 70.0983

Deuteranopia

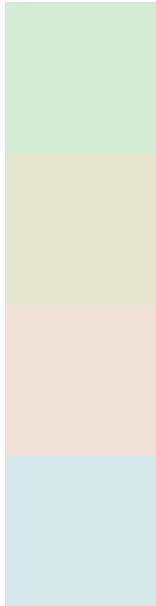
78.9708, 77.3014, 74.3768



Tritanopia

73.8554, 78.1227, 99.9935

Trichromacy



Original Color

68.3302, 77.9687, 73.0761

Protanomaly

71.6769, 77.6417, 70.8831

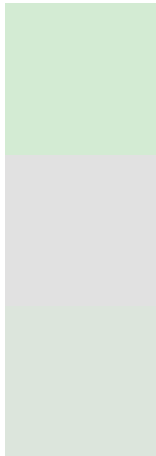
Deuteranomaly

74.5321, 77.0052, 73.8860

Tritanomaly

71.8763, 78.1585, 89.8951

Monochromacy



Original Color

68.3302, 77.9687, 73.0761

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

70.4528, 76.4216, 78.7477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3302, 77.9687, 73.0761 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(211, 235, 211)` looks like.

```
.text, #text, p{  
    color:rgb(211, 235, 211)  
}
```

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(211, 235, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 235, 211) }
```

Border

The CSS property to change the border of an element to XYZ 68.3302, 77.9687, 73.0761 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(211, 235, 211) }
```


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

```
.border{ border-color:rgb(211, 235, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 235, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 235, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 235, 211);  
box-shadow:4px 4px 4px 4px rgb(211, 235,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3302, 77.9687, 73.0761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 235, 211) }
```

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

```
.background{ background-color: rgb(211,  
235, 211) }
```

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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