

Converting Colors

XYZ(67.5580, 77.4545, 82.6525)

Have a look what the booklet for
XYZ(67.5580, 77.4545, 82.6525)
contains.

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Color

**XYZ(67.3863, 77.2704,
82.5972)**

Conversions

Conversions Part 1

Format	Color
Hex	C9EBE1
RGB	201, 235, 225
RGB Percent	79%, 92%, 88%
CMY	0.2118, 0.0784, 0.1176
CMYK	0.14, 0.00, 0.04, 0.08
HSL	162°, 46%, 85%
HSV	162°, 14%, 92%
XYZ	67.3863, 77.2704, 82.5972
YIQ	223.6940, -17.0540, -10.3180

Conversions

Conversions Part 2

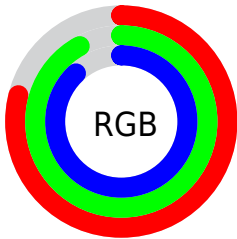
Format	Color
R _Y B	201, 221, 235
Decimal	13233121
CIE Lab	90.45, -12.98, 1.12
CIE LCh	90, 13.025, 175.047
Yxy	77.2704, 0.2965, 0.3400
Android (android.graphics.Color)	4291423201 (0xFFC9EBE1)
YUV	223.6940, 0.6439, -19.9026
Hunter-Lab	87.9036, -16.9944, 5.8216

Details

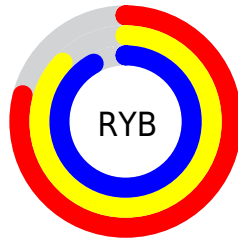
The XYZ color **67.3863, 77.2704, 82.5972** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.9082, 64.1406, 70.4853**, and the grayscale version is **70.6392, 74.3179, 80.9322**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.4084, 41.3455, 44.1445** is the 20% darker color. If you saturate the color by 10%, you get **60.6221, 73.8922, 77.4576**, and if you desaturate by 10%, it is **75.1596, 81.1686, 87.9866**.

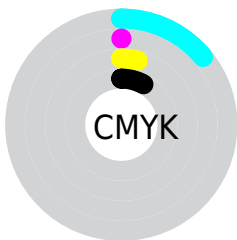
Distribution



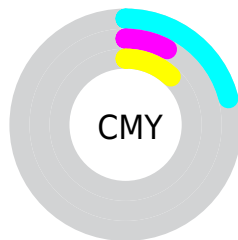
- Red (79%)
- Green (92%)
- Blue (88%)



- Red (79%)
- Yellow (87%)
- Blue (92%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (8%)



- Cyan (21%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3863, 77.2704, 82.5972 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 67.3863, 77.2704, 82.5972 by changing the saturation by 10% instead.

67.3863, 77.2704,
82.5972

67.3863, 77.2704,
82.5972

440.7295,
485.6855, 523.5789

49.6705, 57.4748,
61.3192

114.5205,
129.5211, 138.8553

35.3684, 41.3866,
44.0506

144.6696,
162.7450, 174.6726

24.1146, 28.6213,
30.3728

179.6938,
201.2139, 216.1734

15.5439, 18.7945,
19.8673

219.9586,
245.3120, 263.7762

9.2908, 11.5219,
12.1155

265.8291,
295.4238, 317.8997

4.9899, 6.4190,
6.6989

317.6709,

2.2761, 3.1015,

351.9338, 378.9622

3.1989

375.8492,
415.2262, 447.3825

0.7824, 1.1850,
1.1971

0.0000, 0.0494,
0.0000

67.3863, 77.2704,
82.5972

67.3863, 77.2704,
82.5972

60.6221, 73.8922,
77.4576

75.1596, 81.1686,
87.9866

54.8161, 71.0016,
72.5584

83.9769, 85.5984,
93.6249

49.9230, 68.5772,
67.8965

87.5448, 87.3176,
99.2215

45.8911, 66.5925,
63.4672

88.6246, 87.7495,
104.9077

■ 42.6630, 65.0180,
59.2653

■ 88.9998, 87.8995,
106.8833

■ 40.1747, 63.8208,
55.2854

■ 38.3515, 62.9623,
51.5213

■ 37.1024, 62.3958,
47.9663

■ 36.5807, 62.1679,
46.0852

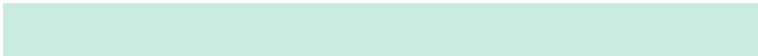
Harmonies

Analogous

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



68.4350, 77.2704, 74.2833



67.3863, 77.2704, 82.5972



67.9211, 77.2704, 91.9483

Triad

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



67.3863, 77.2704, 82.5972



76.1232, 77.2704, 101.4290



77.0852, 77.2704, 70.2896

Complementary

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



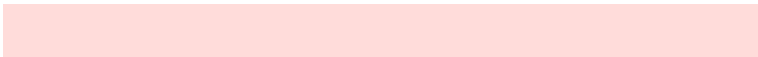
67.3863, 77.2704, 82.5972



66.9082, 64.1406, 70.4853

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.



79.2568, 77.2704, 76.7761



67.3863, 77.2704, 82.5972



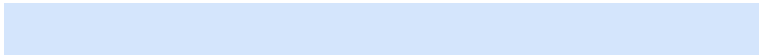
78.6900, 77.2704, 94.8199

Square

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



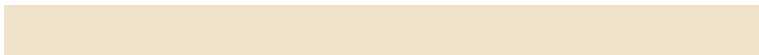
67.3863, 77.2704, 82.5972



72.9045, 77.2704, 103.2724



79.8526, 77.2704, 85.6904



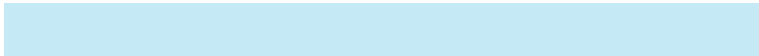
73.9845, 77.2704, 67.5200

Rectangle

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



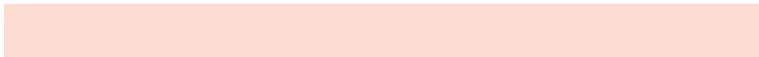
67.3863, 77.2704, 82.5972



69.1120, 77.2704, 97.4588



79.8526, 77.2704, 85.6904



77.9516, 77.2704, 72.0833

Sweetspot

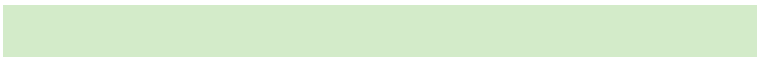
The Sweet Spot groups the original color and five complimentary colors.



67.3885, 77.2736, 82.5989



90.9170, 97.9248, 106.2044



67.1747, 77.5155, 66.6810



19.2985, 20.8789, 22.6248



0.0000, 0.0000, 0.0000



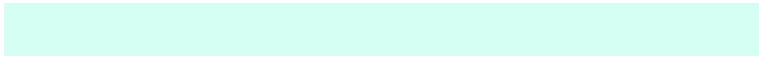
20.3446, 21.4041, 23.3091

Same Dimension

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



67.3885, 77.2736, 82.5989



78.8747, 91.8907, 97.7785



66.8837, 74.0155, 89.3624



15.3179, 17.0420, 18.3567



20.4163, 34.6210, 25.9552



1.6449, 2.7353, 2.2578

Inverse Universe

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



66.9082, 64.1406, 70.4853



78.2054, 73.5759, 80.8876



67.3132, 66.8956, 64.6238



15.2478, 15.1270, 16.5900



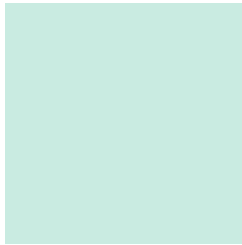
19.7164, 10.0893, 4.3082



1.5890, 0.8086, 0.5529

Previews

White Background



This preview shows how the XYZ color 67.3863, 77.2704, 82.5972 looks on a white background.

Color Contrast Check

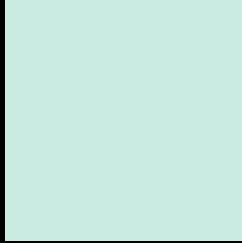
Large Text (above 18pt) WCAG AA × Fail

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 67.3863, 77.2704, 82.5972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

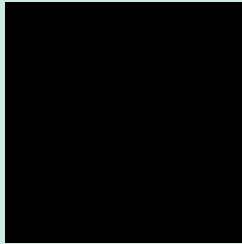
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

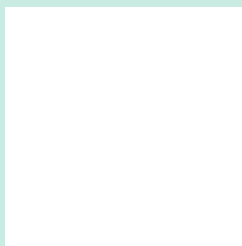
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.3863, 77.2704, 82.5972

Background



This preview shows how black text looks on a background with the XYZ color 67.3863, 77.2704, 82.5972.



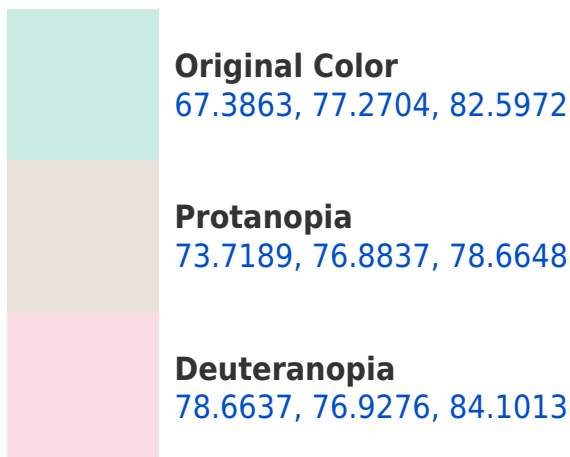
This preview shows how white text looks on a background with the XYZ color 67.3863, 77.2704,

82.5972.

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

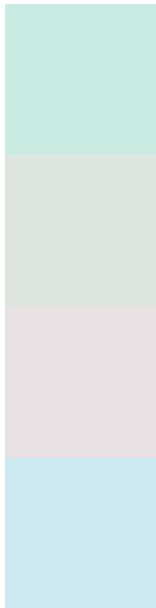




Tritanopia

71.0081, 77.0331, 101.5688

Trichromacy



Original Color

67.3863, 77.2704, 82.5972

Protanomaly

71.0229, 76.6847, 80.1656

Deuteranomaly

74.0691, 76.5523, 83.5453

Tritanomaly

69.6356, 76.9015, 94.3924

Monochromacy



Original Color

67.3863, 77.2704, 82.5972

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

69.5169, 75.4676, 81.4238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3863, 77.2704, 82.5972 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(201, 235, 225)` looks like.

```
.text, #text, p{  
    color:rgb(201, 235, 225)  
}
```

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(201, 235, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 235, 225) }
```

Border

The CSS property to change the border of an element to XYZ 67.3863, 77.2704, 82.5972 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(201, 235, 225) }
```


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

```
.border{ border-color:rgb(201, 235, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 235, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 235, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 235, 225);  
box-shadow:4px 4px 4px 4px rgb(201, 235,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3863, 77.2704, 82.5972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 235, 225) }
```

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

```
.background{ background-color: rgb(201,  
235, 225) }
```

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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