

Converting Colors

XYZ(76.0327, 86.4639, 67.3254)

Have a look what the booklet for
XYZ(76.0327, 86.4639, 67.3254)
contains.

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Color

**XYZ(76.0327, 86.4639,
67.3254)**

Conversions

Conversions Part 1

Format	Color
Hex	E7F5C8
RGB	231, 245, 200
RGB Percent	91%, 96%, 78%
CMY	0.0941, 0.0392, 0.2157
CMYK	0.06, 0.00, 0.18, 0.04
HSL	79°, 69%, 87%
HSV	79°, 18%, 96%
XYZ	76.0327, 86.4639, 67.3254
YIQ	235.6840, 6.1010, -16.9630

Conversions

Conversions Part 2

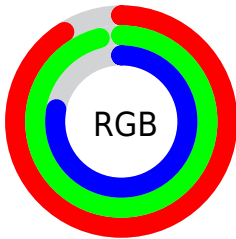
Format	Color
R _Y B	200, 245, 214
Decimal	15201736
CIE Lab	94.51, -12.19, 20.15
CIE LCh	95, 23.548, 121.172
Yxy	86.4639, 0.3308, 0.3762
Android (android.graphics.Color)	4293391816 (0xFFE7F5C8)
YUV	235.6840, -17.5922, -4.1079
Hunter-Lab	92.9860, -16.7697, 22.1619

Details

The XYZ color **76.0327, 86.4639, 67.3254** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **64.8708, 62.1996, 94.9776**, and the grayscale version is **79.6161, 83.7623, 91.2172**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0651, 47.5845, 34.2145** is the 20% darker color. If you saturate the color by 10%, you get **70.9889, 84.1711, 53.3212**, and if you desaturate by 10%, it is **81.6473, 89.0031, 83.7550**.

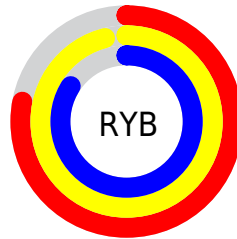
Distribution



Red (91%)

Green (96%)

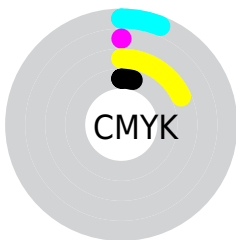
Blue (78%)



Red (78%)

Yellow (96%)

Blue (84%)

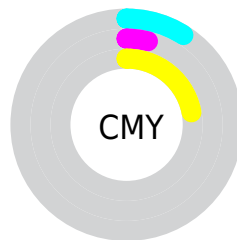


Cyan (6%)

Magenta (0%)

Yellow (18%)

Black (4%)



Cyan (9%)

Magenta (4%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0327, 86.4639, 67.3254 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 76.0327, 86.4639, 67.3254 by changing the saturation by 10% instead.

76.0327, 86.4639,
67.3254

76.0327, 86.4639,
67.3254

470.4023,
516.4596, 469.6351

56.7565, 65.0516,
48.8859

126.7532,
142.4167, 117.0316

41.0491, 47.5030,
34.1640

158.9283,
177.7260, 149.1354

28.5453, 33.4334,
22.7412

196.1336,
218.4364, 186.6310

18.8797, 22.4587,
14.1990

238.7346,
264.9324, 229.9369

11.6869, 14.1943,
8.1189

287.0966,
317.5983, 279.4718

6.6015, 8.2559,
4.0823

341.5850,

3.2583, 4.2592,

376.8186, 335.6541

1.6706

402.5651,
442.9775, 398.9023

■ 1.2918, 1.8196,
0.3405

■ 0.1770, 0.4993,
0.0000

■ 76.0327, 86.4639,
67.3254

■ 76.0327, 86.4639,
67.3254

■ 70.9889, 84.1711,
53.3212

■ 81.6473, 89.0031,
83.7550

■ 66.4857, 82.1039,
41.6220

■ 87.8473, 91.7862,
102.7116

■ 62.5006, 80.2560,
32.1051

■ 91.5313, 93.5756,
107.8454

■ 59.0063, 78.6164,
24.6348

■ 91.9442, 93.7884,
107.8647

■ 55.9726, 77.1727,
19.0597

■ 53.3655, 75.9112,
15.2076

■ 51.1448, 74.8158,
12.8754

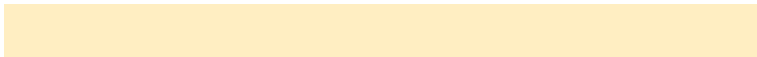
■ 49.2545, 73.8637,
11.7759

■ 48.9649, 73.7169,
11.6481

Harmonies

Analogous

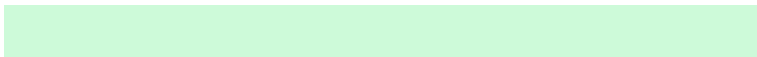
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.9323, 86.4639, 63.3806



76.0327, 86.4639, 67.3254



71.9595, 86.4639, 78.2967

Triad

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



76.0327, 86.4639, 67.3254



76.4435, 86.4639, 128.1550



94.9791, 86.4639, 93.4322

Complementary

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



76.0327, 86.4639, 67.3254



64.8708, 62.1996, 94.9776

Split Complementary

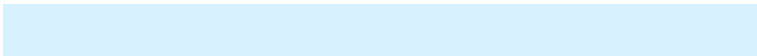
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.3281, 86.4639, 111.9982



76.0327, 86.4639, 67.3254



82.4309, 86.4639, 133.5328

Square

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



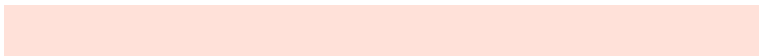
76.0327, 86.4639, 67.3254



72.1879, 86.4639, 113.3926



88.6528, 86.4639, 127.2799



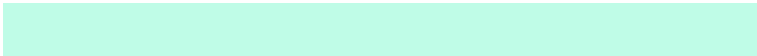
93.0570, 86.4639, 77.2080

Rectangle

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



76.0327, 86.4639, 67.3254



70.7164, 86.4639, 88.8886



88.6528, 86.4639, 127.2799



94.8230, 86.4639, 99.6036

Sweetspot

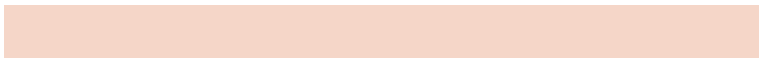
The Sweet Spot groups the original color and five complimentary colors.



76.0350, 86.4677, 67.3273



90.9535, 98.1616, 96.3579



72.0048, 71.4258, 64.6363



19.3754, 20.9691, 20.3455



0.0000, 0.0000, 0.0000



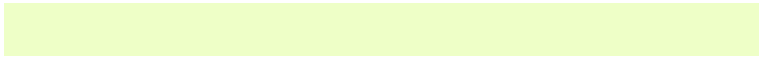
20.3446, 21.4041, 23.3091

Same Dimension

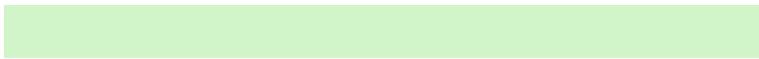
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0350, 86.4677, 67.3273



81.1634, 93.7368, 67.7872



69.3751, 83.0344, 67.0156



17.3837, 19.0398, 17.5564



26.5257, 39.7873, 6.2817



2.4367, 3.5512, 0.5570

Inverse Universe

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



64.8708, 62.1996, 94.9776



66.8753, 62.6744, 103.1804



71.7309, 65.7362, 95.2987



16.0663, 16.1768, 20.8182



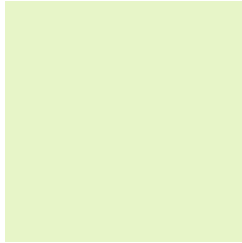
10.6197, 4.4490, 46.8370



1.0346, 0.4432, 4.1213

Previews

White Background



This preview shows how the XYZ color 76.0327, 86.4639, 67.3254 looks on a white background.

Color Contrast Check

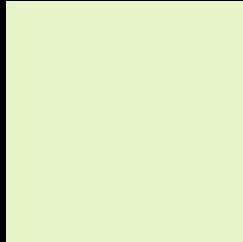
Large Text (above 18pt) WCAG AA × Fail

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 76.0327, 86.4639, 67.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

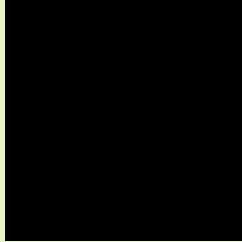
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

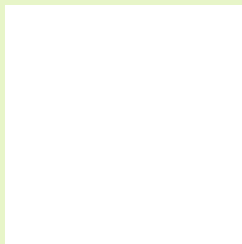
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0327, 86.4639, 67.3254

Background



This preview shows how black text looks on a background with the XYZ color 76.0327, 86.4639, 67.3254.



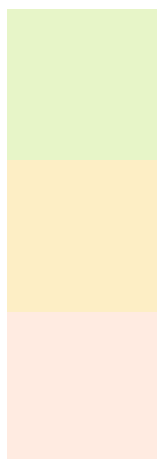
This preview shows how white text looks on a background with the XYZ color 76.0327, 86.4639,

67.3254.

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

76.0327, 86.4639, 67.3254

Protanopia

81.1606, 86.0629, 65.1575

Deuteranopia

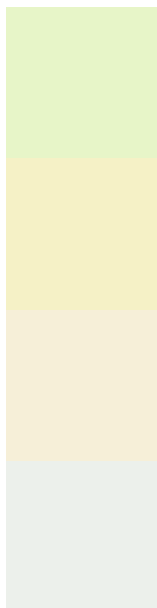
84.5389, 86.1129, 83.3999



Tritanopia

83.9308, 86.1391, 106.8106

Trichromacy



Original Color

76.0327, 86.4639, 67.3254

Protanomaly

79.3045, 86.4003, 65.9232

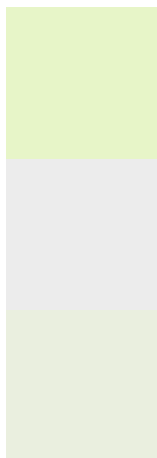
Deuteranomaly

81.2672, 86.2837, 77.3369

Tritanomaly

80.7476, 86.1512, 90.9703

Monochromacy



Original Color

76.0327, 86.4639, 67.3254

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

78.1175, 84.5531, 82.0152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0327, 86.4639, 67.3254 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(231, 245, 200)` looks like.

```
.text, #text, p{  
    color:rgb(231, 245, 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(231, 245, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 245, 200) }
```

Border

The CSS property to change the border of an element to XYZ 76.0327, 86.4639, 67.3254 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(231, 245, 200) }
```


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

```
.border{ border-color:rgb(231, 245, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 245, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 245, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 245, 200);  
box-shadow:4px 4px 4px 4px rgb(231, 245,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0327, 86.4639, 67.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 245, 200) }
```

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

```
.background{ background-color: rgb(231,  
245, 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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