

Converting Colors

XYZ(67.1897, 76.2662, 95.5858)

Have a look what the booklet for
XYZ(67.1897, 76.2662, 95.5858)
contains.

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Color

**XYZ(67.3387, 76.5232,
96.0153)**

Conversions

Conversions Part 1

Format	Color
Hex	C0EAF3
RGB	192, 234, 243
RGB Percent	75%, 92%, 95%
CMY	0.2470, 0.0823, 0.0471
CMYK	0.21, 0.04, 0.00, 0.05
HSL	191°, 68%, 85%
HSV	191°, 21%, 95%
XYZ	67.3387, 76.5232, 96.0153
YIQ	222.4680, -27.9210, -6.1050

Conversions

Conversions Part 2

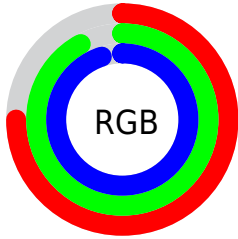
Format	Color
R _Y B	192, 215, 243
Decimal	12643059
CIE Lab	90.10, -11.60, -8.85
CIE LCh	90, 14.592, 217.362
Yxy	76.5232, 0.2807, 0.3190
Android (android.graphics.Color)	4290833139 (0xFFC0EAF3)
YUV	222.4680, 10.1223, -26.7204
Hunter-Lab	87.4775, -15.6795, -3.8424

Details

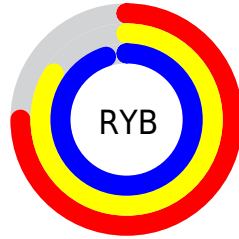
The XYZ color **67.3387, 76.5232, 96.0153** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.3639, 64.6338, 58.7958**, and the grayscale version is **69.7086, 73.3389, 79.8661**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **35.3713, 40.8319, 53.0308** is the 20% darker color. If you saturate the color by 10%, you get **60.4815, 71.2002, 95.3505**, and if you desaturate by 10%, it is **75.2458, 82.4352, 96.7409**.

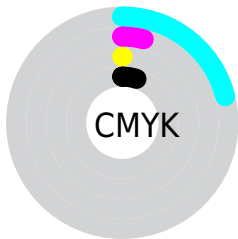
Distribution



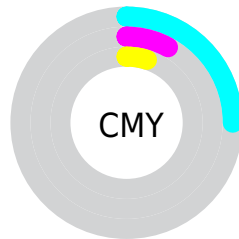
- Red (75%)
- Green (92%)
- Blue (95%)



- Red (75%)
- Yellow (84%)
- Blue (95%)



- Cyan (21%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (25%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3387, 76.5232, 96.0153 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 67.3387, 76.5232, 96.0153 by changing the saturation by 10% instead.

67.3387, 76.5232,
96.0153

67.3387, 76.5232,
96.0153

440.5630,
483.1368, 568.4774

49.6316, 56.8616,
72.3788

114.4527,
128.4662, 157.6742

35.3374, 40.8942,
52.9794

144.5904,
161.5164, 196.5336

24.0906, 28.2364,
37.3987

179.6023,
199.7983, 241.3043

15.5260, 18.5039,
25.2181

219.8538,
243.6963, 292.4050

9.2780, 11.3124,
16.0192

265.7103,
293.5948, 350.2541

4.9815, 6.2774,
9.3832

317.5371,

2.2711, 3.0145,

349.8781, 415.2701

4.8918

375.6995,
412.9306, 487.8718

0.7798, 1.1393,
2.1263

0.0000, 0.0113,
0.6313

67.3387, 76.5232,
96.0153

67.3387, 76.5232,
96.0153

60.4815, 71.2002,
95.3505

75.2458, 82.4352,
96.7409

54.6173, 66.4306,
94.7390

84.2427, 88.9512,
97.5245

49.6943, 62.1895,
94.1798

90.6374, 94.1702,
98.1948

45.6528, 58.4458,
93.6702

91.9626, 96.8205,
98.6365

■ 42.4265, 55.1649,
93.2070

■ 93.1779, 99.2512,
99.0416

■ 39.9389, 52.3071,
92.7865

■ 38.0988, 49.8250,
92.4044

■ 36.8631, 47.8416,
92.0867

Harmonies

Analogous

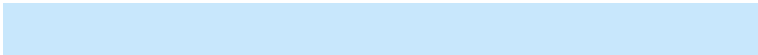
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.0447, 76.5232, 85.9017



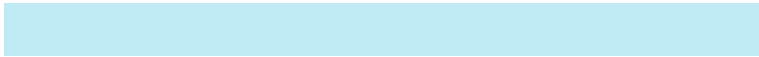
67.3387, 76.5232, 96.0153



70.0861, 76.5232, 103.1108

Triad

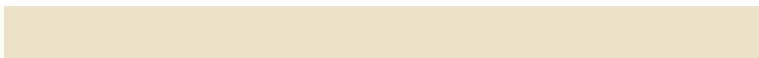
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.3387, 76.5232, 96.0153



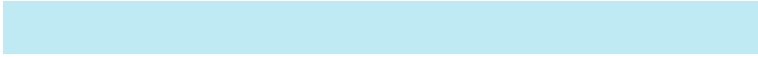
79.3496, 76.5232, 91.2333



71.8446, 76.5232, 65.0698

Complementary

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



67.3387, 76.5232, 96.0153



67.3639, 64.6338, 58.7958

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.



75.4458, 76.5232, 66.2402



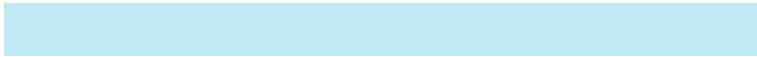
67.3387, 76.5232, 96.0153



79.8583, 76.5232, 80.7921

Square

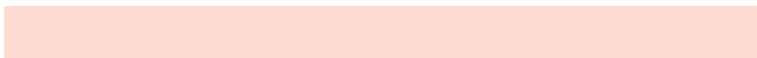
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.3387, 76.5232, 96.0153



77.0401, 76.5232, 100.1941



78.4080, 76.5232, 71.7976



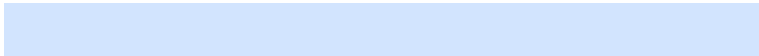
68.5895, 76.5232, 68.4569

Rectangle

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



67.3387, 76.5232, 96.0153



72.4130, 76.5232, 104.8671



78.4080, 76.5232, 71.7976



73.0539, 76.5232, 64.9485

Sweetspot

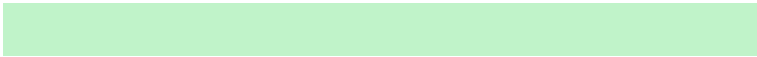
The Sweet Spot groups the original color and five complimentary colors.



67.3410, 76.5263, 96.0170



88.7884, 95.5028, 108.3620



64.2741, 79.5026, 66.9099



18.8643, 20.3400, 23.1817



0.0000, 0.0000, 0.0000



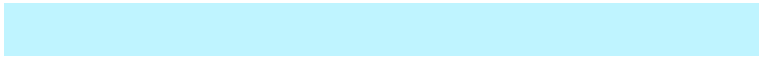
20.3446, 21.4041, 23.3091

Same Dimension

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



67.3410, 76.5263, 96.0170



71.8755, 82.8821, 106.8174



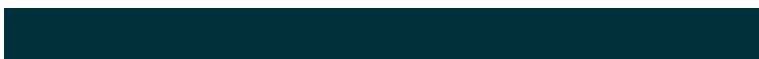
60.7178, 63.2800, 93.8093



16.7335, 18.2313, 21.1796



20.3211, 26.4360, 50.5697



1.8498, 2.4510, 4.4658

Inverse Universe

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



70.6648, 62.6962, 86.2226



76.2171, 65.1475, 93.9498



73.6743, 77.2546, 60.8992



17.0808, 16.7152, 20.1721



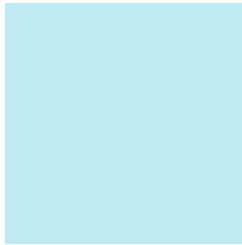
26.0617, 12.7681, 31.3628



2.3227, 1.1351, 2.9259

Previews

White Background



This preview shows how the XYZ color 67.3387, 76.5232, 96.0153 looks on a white background.

Color Contrast Check

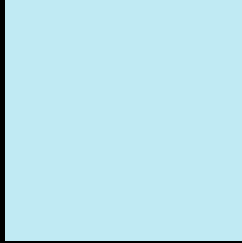
Large Text (above 18pt) WCAG AA × Fail

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 67.3387, 76.5232, 96.0153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

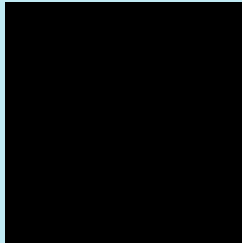
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.3387, 76.5232, 96.0153

Background



This preview shows how black text looks on a background with the XYZ color 67.3387, 76.5232, 96.0153.

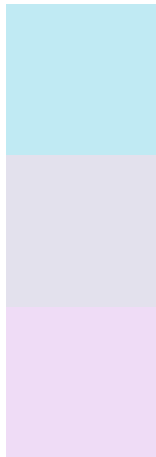


This preview shows how white text looks on a background with the XYZ color 67.3387, 76.5232,

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

67.3387, 76.5232, 96.0153

Protanopia

73.8898, 76.2957, 90.9529

Deuteranopia

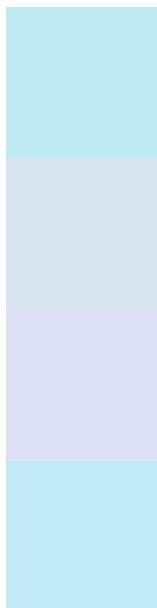
77.8244, 76.1909, 97.7933



Tritanopia

68.7996, 76.7122, 102.4476

Trichromacy



Original Color

67.3387, 76.5232, 96.0153

Protanomaly

71.0549, 76.0149, 92.5887

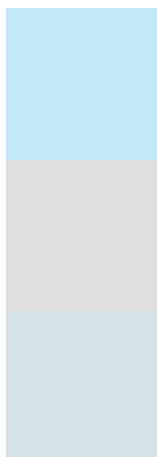
Deuteranomaly

73.5308, 75.9726, 97.1749

Tritanomaly

68.0745, 76.3926, 99.9643

Monochromacy



Original Color

67.3387, 76.5232, 96.0153

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.3433, 73.9548, 85.5355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3387, 76.5232, 96.0153 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(192, 234, 243)` looks like.

```
.text, #text, p{  
    color:rgb(192, 234, 243)  
}
```

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(192, 234, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 234, 243) }
```

Border

The CSS property to change the border of an element to XYZ 67.3387, 76.5232, 96.0153 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(192, 234, 243) }
```


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

```
.border{ border-color:rgb(192, 234, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 234, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 234, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 234, 243);  
box-shadow:4px 4px 4px 4px rgb(192, 234,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3387, 76.5232, 96.0153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 234, 243) }
```

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

```
.background{ background-color: rgb(192,  
234, 243) }
```

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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