

Converting Colors

XYZ(67.3567, 75.2047, 98.9616)

Have a look what the booklet for XYZ(67.3567, 75.2047, 98.9616) contains.

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Color

**XYZ(67.3567, 75.2047,
98.9616)**

Conversions

Conversions Part 1

Format	Color
Hex	C1E7F7
RGB	193, 231, 247
RGB Percent	76%, 91%, 97%
CMY	0.2431, 0.0941, 0.0314
CMYK	0.22, 0.06, 0.00, 0.03
HSL	198°, 77%, 86%
HSV	198°, 22%, 97%
XYZ	67.3567, 75.2047, 98.9616
YIQ	221.4620, -27.7840, -3.0800

Conversions

Conversions Part 2

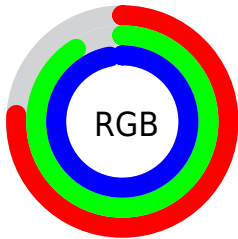
Format	Color
R_{YB}	193, 215, 247
Decimal	12707831
CIE _{Lab}	89.49, -8.92, -11.85
CIE _{LCh}	89, 14.833, 233.050
Yxy	75.2047, 0.2789, 0.3114
Android (android.graphics.Color)	4290897911 (0xFFC1E7F7)
YUV	221.4620, 12.5902, -24.9612
Hunter-Lab	86.7206, -13.1186, -6.9546

Details

The XYZ color **67.3567, 75.2047, 98.9616** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.7846, 69.2254, 60.0846**, and the grayscale version is **68.9819, 72.5744, 79.0335**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **35.3814, 39.9105, 55.1289** is the 20% darker color. If you saturate the color by 10%, you get **59.5734, 68.2170, 98.0243**, and if you desaturate by 10%, it is **76.2817, 82.9119, 99.9801**.

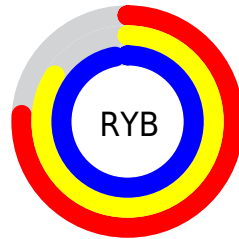
Distribution



Red (76%)

Green (91%)

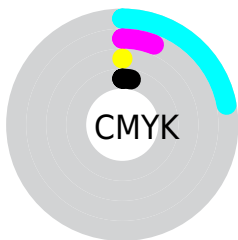
Blue (97%)



Red (76%)

Yellow (84%)

Blue (97%)

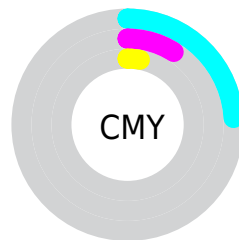


Cyan (22%)

Magenta (6%)

Yellow (0%)

Black (3%)



Cyan (24%)

Magenta (9%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3567, 75.2047, 98.9616 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 67.3567, 75.2047, 98.9616 by changing the saturation by 10% instead.

67.3567, 75.2047,
98.9616

67.3567, 75.2047,
98.9616

440.6259,
478.6209, 578.0765

49.6463, 55.7806,
74.8216

114.4784,
126.6021, 161.7689

35.3491, 40.0270,
54.9659

144.6203,
159.3442, 201.2732

24.0997, 27.5596,
38.9760

179.6369,
197.2943, 246.7360

15.5327, 17.9940,
26.4334

219.8934,
240.8370, 298.5758

9.2829, 10.9457,
16.9195

265.7552,
290.3567, 357.2113

4.9847, 6.0303,
10.0157

317.5877,

2.2730, 2.8635,

346.2376, 423.0609

5.3036

375.7561,
408.8642, 496.5431

0.7808, 1.0609,
2.3647

0.0000, 0.0000,
0.7671

67.3567, 75.2047,
98.9616

67.3567, 75.2047,
98.9616

59.5734, 68.2170,
98.0243

76.2817, 82.9119,
99.9801

52.8718, 61.9107,
97.1603

86.3913, 91.3564,
101.0772

47.1965, 56.2574,
96.3682

93.1403, 98.1986,
102.0422

42.4841, 51.2230,
95.6448

93.7887, 99.4955,
102.2583

■ 38.6638, 46.7693,
94.9865

■ 35.6540, 42.8525,
94.3891

■ 33.3570, 39.4207,
93.8478

■ 31.8918, 36.9216,
93.4427

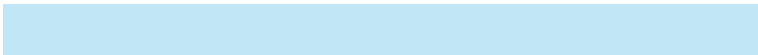
Harmonies

Analogous

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



65.2343, 75.2047, 89.9822



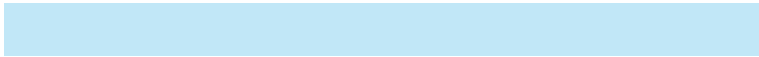
67.3567, 75.2047, 98.9616



70.6367, 75.2047, 103.4253

Triad

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



67.3567, 75.2047, 98.9616



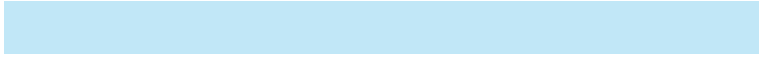
78.6510, 75.2047, 84.3334



68.7758, 75.2047, 64.7993

Complementary

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



67.3567, 75.2047, 98.9616



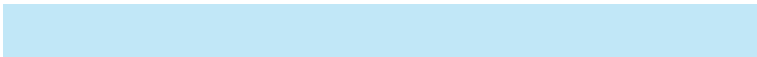
70.7846, 69.2254, 60.0846

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.



72.3296, 75.2047, 63.5648



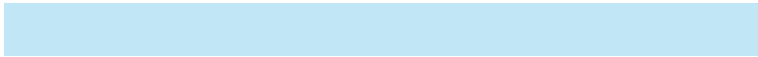
67.3567, 75.2047, 98.9616



78.1118, 75.2047, 74.2890

Square

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



67.3567, 75.2047, 98.9616



77.2172, 75.2047, 94.5281



75.7678, 75.2047, 66.8956



66.0339, 75.2047, 70.4230

Rectangle

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



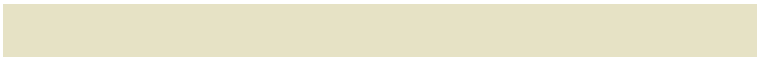
67.3567, 75.2047, 98.9616



73.0710, 75.2047, 102.9934



75.7678, 75.2047, 66.8956



69.9119, 75.2047, 63.8780

Sweetspot

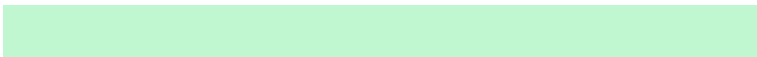
The Sweet Spot groups the original color and five complimentary colors.



67.3589, 75.2078, 98.9633



87.1214, 93.4428, 108.0522



66.6766, 82.4292, 72.2659



18.5077, 19.8836, 23.1124



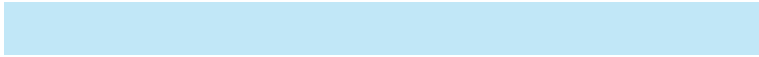
0.0000, 0.0000, 0.0000



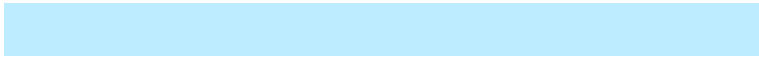
20.3446, 21.4041, 23.3091

Same Dimension

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



67.3589, 75.2078, 98.9633



68.7732, 77.6230, 105.9657



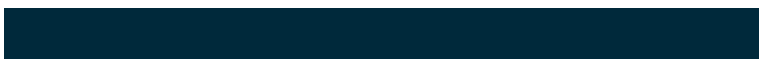
60.5419, 61.5736, 96.6910



16.5580, 17.8803, 21.1211



16.9958, 19.7853, 49.4612



1.5829, 1.9171, 4.3769

Inverse Universe

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



71.8533, 63.6853, 84.1102



74.4205, 63.5452, 87.2126



77.7790, 83.2144, 62.4161



16.9922, 16.6797, 19.7056



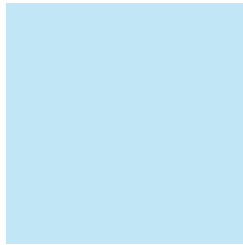
24.3832, 12.0967, 22.5240



2.1880, 1.0812, 2.2165

Previews

White Background



This preview shows how the XYZ color 67.3567, 75.2047, 98.9616 looks on a white background.

Color Contrast Check

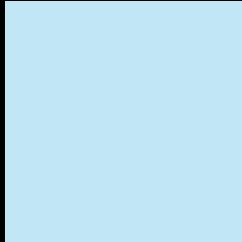
Large Text (above 18pt) WCAG AA × Fail

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 67.3567, 75.2047, 98.9616 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 67.3567, 75.2047, 98.9616

Background



This preview shows how black text looks on a background with the XYZ color 67.3567, 75.2047, 98.9616.

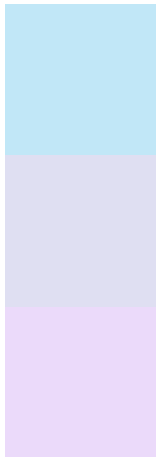


This preview shows how white text looks on a background with the XYZ color 67.3567, 75.2047,

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

67.3567, 75.2047, 98.9616

Protanopia

72.8461, 74.8741, 94.6172

Deuteranopia

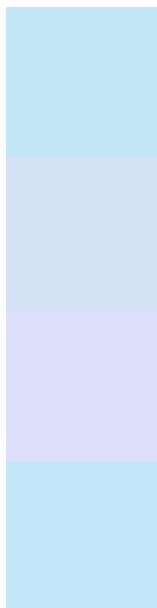
76.5877, 74.7071, 100.8258



Tritanopia

67.6671, 75.3288, 100.5960

Trichromacy



Original Color

67.3567, 75.2047, 98.9616

Protanomaly

70.6769, 74.9214, 96.3242

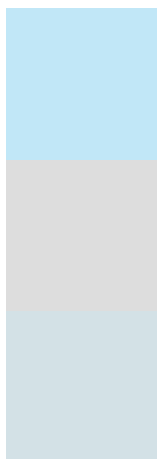
Deuteranomaly

73.0018, 74.8305, 100.2187

Tritanomaly

67.5115, 75.2666, 99.7766

Monochromacy



Original Color

67.3567, 75.2047, 98.9616

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.0721, 73.4125, 85.4452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3567, 75.2047, 98.9616 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(193, 231, 247)` looks like.

```
.text, #text, p{  
    color:rgb(193, 231, 247)  
}
```

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(193, 231, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 231, 247) }
```

Border

The CSS property to change the border of an element to XYZ 67.3567, 75.2047, 98.9616 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(193, 231, 247) }
```


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

```
.border{ border-color:rgb(193, 231, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 231, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 231, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 231, 247);  
box-shadow:4px 4px 4px 4px rgb(193, 231,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3567, 75.2047, 98.9616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 231, 247) }
```

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

```
.background{ background-color: rgb(193,  
231, 247) }
```

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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