

Converting Colors

XYZ(56.6397, 60.2508, 97.8548)

Have a look what the booklet for
XYZ(56.6397, 60.2508, 97.8548)
contains.

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Color

**XYZ(56.7117, 60.4016,
97.4766)**

Conversions

Conversions Part 1

Format	Color
Hex	AECFF8
RGB	174, 207, 248
RGB Percent	68%, 81%, 97%
CMY	0.3176, 0.1882, 0.0274
CMYK	0.30, 0.17, 0.00, 0.03
HSL	213°, 84%, 83%
HSV	213°, 30%, 97%
XYZ	56.7117, 60.4016, 97.4766
YIQ	201.8070, -32.8290, 5.7550

Conversions

Conversions Part 2

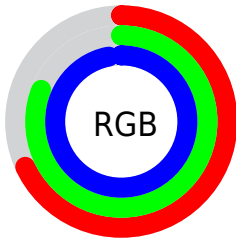
Format	Color
RYB	174, 197, 248
Decimal	11456504
CIELab	82.06, -1.72, -23.69
CIELCh	82, 23.757, 265.847
Yxy	60.4016, 0.2643, 0.2815
Android (android.graphics.Color)	4289646584 (0xFFAECFF8)
YUV	201.8070, 22.7731, -24.3867
Hunter-Lab	77.7185, -5.7546, -19.9602

Details

The XYZ color **56.7117, 60.4016, 97.4766** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.6529, 71.6143, 50.1454**, and the grayscale version is **55.8976, 58.8086, 64.0426**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **28.6514, 30.5813, 54.2619** is the 20% darker color. If you saturate the color by 10%, you get **48.5034, 51.4427, 96.1810**, and if you desaturate by 10%, it is **66.2336, 70.4705, 98.9193**.

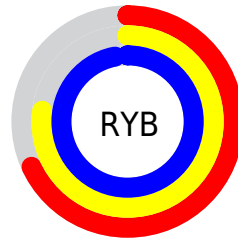
Distribution



Red (68%)

Green (81%)

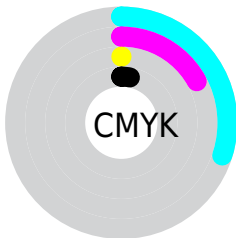
Blue (97%)



Red (68%)

Yellow (77%)

Blue (97%)

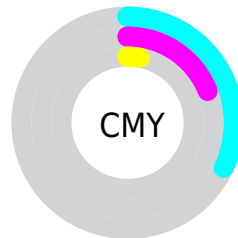


Cyan (30%)

Magenta (17%)

Yellow (0%)

Black (3%)



Cyan (32%)

Magenta (19%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7117, 60.4016, 97.4766 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 56.7117, 60.4016, 97.4766 by changing the saturation by 10% instead.

■ 56.7117, 60.4016,
97.4766

■ 56.7117, 60.4016,
97.4766

402.3998,
426.0765, 573.2492

■ 41.0131, 43.7424,
73.5897

■ 99.1782, 105.4120,
159.7066

■ 28.5170, 30.4681,
53.9636

126.6767,
134.5320, 198.8868

■ 18.8582, 20.1941,
38.1795

158.8393,
168.5745, 244.0019

■ 11.6712, 12.5362,
25.8192

196.0312,
207.9237, 295.4704

■ 6.5908, 7.1100,
16.4638

238.6179,
252.9641, 353.7108

■ 3.2516, 3.5310,
9.6951

286.9647,

■ 1.2882, 1.4148,

304.0801, 419.1417

5.0943

341.4368,
361.6561, 492.1817

■ 0.1743, 0.2276,
2.2430

■ 0.0000, 0.0000,
0.6990

■ 56.7117, 60.4016,
97.4766

■ 56.7117, 60.4016,
97.4766

■ 48.5034, 51.4427,
96.1810

■ 66.2336, 70.4705,
98.9193

■ 41.5393, 43.5430,
95.0233

■ 77.1222, 81.6832,
100.5096

■ 35.7521, 36.6578,
93.9993

■ 89.4348, 94.0807,
102.2537

■ 31.0650, 30.7358,
93.1033

■ 93.9435, 99.5574,
103.0731

■ 27.3910, 25.7195,
92.3287

■ 24.6278, 21.5434,
91.6682

■ 22.6136, 18.1101,
91.1117

■ 22.5843, 18.0590,
91.1034

Harmonies

Analogous

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



52.1447, 60.4016, 91.4828



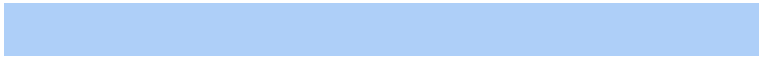
56.7117, 60.4016, 97.4766



61.7348, 60.4016, 94.0076

Triad

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



56.7117, 60.4016, 97.4766



66.5706, 60.4016, 54.4049



49.7654, 60.4016, 51.3975

Complementary

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



56.7117, 60.4016, 97.4766



70.6529, 71.6143, 50.1454

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.



53.2919, 60.4016, 43.8377



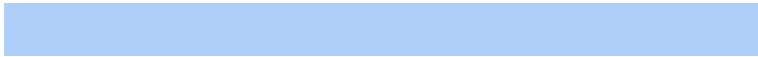
56.7117, 60.4016, 97.4766



63.0181, 60.4016, 45.3877

Square

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



56.7117, 60.4016, 97.4766



67.6169, 60.4016, 67.7954



58.1138, 60.4016, 41.8089



48.2856, 60.4016, 63.7797

Rectangle

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



56.7117, 60.4016, 97.4766



64.6398, 60.4016, 87.0321



58.1138, 60.4016, 41.8089



50.7403, 60.4016, 48.2829

Sweetspot

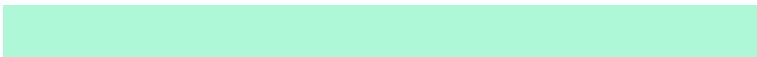
The Sweet Spot groups the original color and five complimentary colors.



56.7136, 60.4040, 97.4780



83.1819, 88.0581, 107.2205



63.2517, 81.0257, 76.3955



17.4188, 18.4557, 22.8942



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.



56.7136, 60.4040, 97.4780



54.8212, 58.2797, 102.9675



50.3724, 46.4809, 95.1248



16.9203, 17.9174, 21.9519



12.3350, 10.0255, 49.2586



1.2464, 1.1364, 4.5968

Inverse Universe

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



65.1116, 54.7354, 66.1672



65.2885, 51.8918, 63.7894



78.6210, 89.4788, 53.1737



17.5663, 17.3539, 19.5718



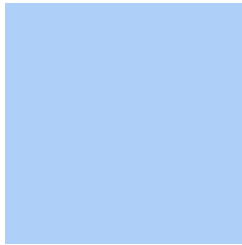
22.5182, 11.4230, 9.4370



2.1380, 1.0790, 1.1503

Previews

White Background



This preview shows how the XYZ color 56.7117, 60.4016, 97.4766 looks on a white background.

Color Contrast Check

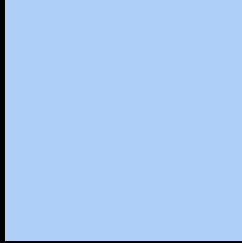
Large Text (above 18pt) WCAG AA × Fail

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 56.7117, 60.4016, 97.4766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

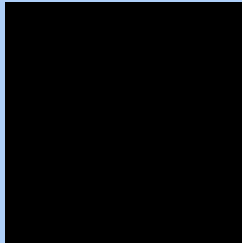
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

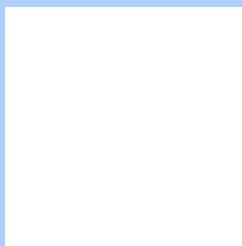
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7117, 60.4016, 97.4766

Background



This preview shows how black text looks on a background with the XYZ color 56.7117, 60.4016, 97.4766.



This preview shows how white text looks on a background with the XYZ color 56.7117, 60.4016,

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

56.7117, 60.4016, 97.4766

Protanopia

59.9553, 60.3748, 94.0815

Deuteranopia

61.4982, 60.0283, 98.7878



Tritanopia

53.5216, 60.5696, 81.5433

Trichromacy



Original Color

56.7117, 60.4016, 97.4766

Protanomaly

58.5678, 60.3431, 94.9467

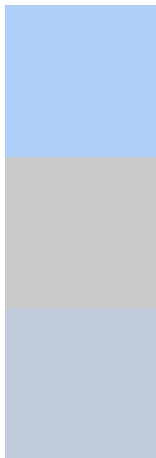
Deuteranomaly

59.7053, 60.1570, 98.0872

Tritanomaly

54.8366, 60.7493, 87.4328

Monochromacy



Original Color

56.7117, 60.4016, 97.4766

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.1173, 59.5067, 75.5461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7117, 60.4016, 97.4766 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(174, 207, 248)` looks like.

```
.text, #text, p{  
    color:rgb(174, 207, 248)  
}
```

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(174, 207, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 207, 248) }
```

Border

The CSS property to change the border of an element to XYZ 56.7117, 60.4016, 97.4766 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(174, 207, 248) }
```


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

```
.border{ border-color:rgb(174, 207, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 207, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 207, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 207, 248);  
box-shadow:4px 4px 4px 4px rgb(174, 207,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7117, 60.4016, 97.4766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 207, 248) }
```

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

```
.background{ background-color: rgb(174,  
207, 248) }
```

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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