

Converting Colors

XYZ(60.3658, 67.9574, 98.7880)

Have a look what the booklet for
XYZ(60.3658, 67.9574, 98.7880)
contains.

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Color

**XYZ(60.2981, 67.9041,
98.7357)**

Conversions

Conversions Part 1

Format	Color
Hex	ADDEF8
RGB	173, 222, 248
RGB Percent	68%, 87%, 97%
CMY	0.3216, 0.1294, 0.0274
CMYK	0.30, 0.10, 0.00, 0.03
HSL	201°, 84%, 83%
HSV	201°, 30%, 97%
XYZ	60.2981, 67.9041, 98.7357
YIQ	210.3130, -37.5500, -2.3020

Conversions

Conversions Part 2

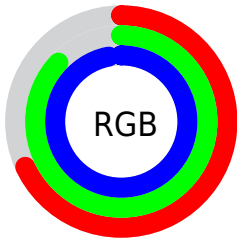
Format	Color
RYB	173, 203, 248
Decimal	11394808
CIELab	85.96, -9.85, -17.79
CIELCh	86, 20.337, 241.034
Yxy	67.9041, 0.2657, 0.2992
Android (android.graphics.Color)	4289584888 (0xFFADDEF8)
YUV	210.3130, 18.5797, -32.7235
Hunter-Lab	82.4039, -13.5917, -13.3580

Details

The XYZ color **60.2981, 67.9041, 98.7357** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.6786, 63.8210, 48.3411**, and the grayscale version is **61.3652, 64.5610, 70.3069**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **30.8044, 35.2948, 55.0582** is the 20% darker color. If you saturate the color by 10%, you get **53.0899, 60.8860, 97.7621**, and if you desaturate by 10%, it is **68.6447, 75.6851, 99.7988**.

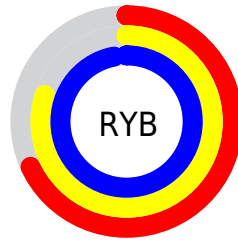
Distribution



Red (68%)

Green (87%)

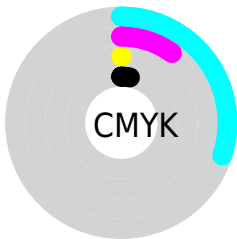
Blue (97%)



Red (68%)

Yellow (80%)

Blue (97%)

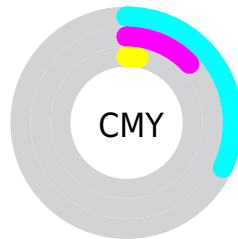


Cyan (30%)

Magenta (10%)

Yellow (0%)

Black (3%)



Cyan (32%)

Magenta (13%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2981, 67.9041, 98.7357 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 60.2981, 67.9041, 98.7357 by changing the saturation by 10% instead.

■ 60.2981, 67.9041,
98.7357

■ 60.2981, 67.9041,
98.7357

415.5128,
453.1562, 577.3436

■ 43.9093, 49.8197,
74.6341

■ 104.3659,
116.2149, 161.4554

■ 30.7968, 35.2702,
54.8133

132.7756,
147.2102, 200.9105

■ 20.5953, 23.8711,
38.8546

165.9230,
183.2779, 246.3205

■ 12.9392, 15.2380,
26.3397

204.1734,
224.8023, 298.1041

■ 7.4634, 8.9866,
16.8499

247.8923,
272.1680, 356.6796

■ 3.8025, 4.7324,
9.9667

297.4449,

■ 1.5910, 2.0911,

325.7593, 422.4656

5.2716

353.1966,
385.9605, 495.8808

■ 0.3865, 0.6596,
2.3460

■ 0.0000, 0.0000,
0.7568

■ 60.2981, 67.9041,
98.7357

■ 60.2981, 67.9041,
98.7357

■ 53.0899, 60.8860,
97.7621

■ 68.6447, 75.6851,
99.7988

■ 46.9558, 54.5904,
96.8703

■ 78.1773, 84.2512,
100.9498

■ 41.8341, 48.9843,
96.0581

■ 88.9479, 93.6333,
102.1931

■ 37.6540, 44.0287,
95.3219

■ 93.9435, 99.5574,
103.0732

■ 34.3345, 39.6790,
94.6573

■ 31.7794, 35.8829,
94.0592

■ 29.8700, 32.6303,
93.5321

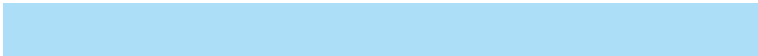
Harmonies

Analogous

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



57.1638, 67.9041, 87.9699



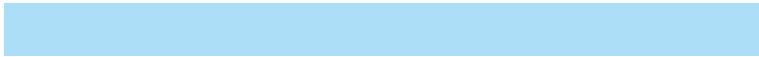
60.2981, 67.9041, 98.7357



64.7026, 67.9041, 102.6745

Triad

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



60.2981, 67.9041, 98.7357



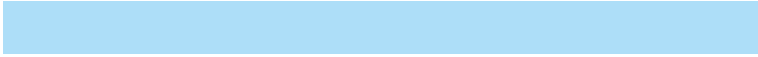
73.9202, 67.9041, 73.4740



60.0309, 67.9041, 54.0560

Complementary

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



60.2981, 67.9041, 98.7357



66.6786, 63.8210, 48.3411

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.



64.3793, 67.9041, 51.1328



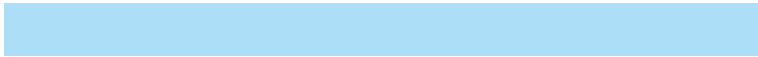
60.2981, 67.9041, 98.7357



72.5267, 67.9041, 61.4802

Square

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



60.2981, 67.9041, 98.7357



72.7016, 67.9041, 87.0725



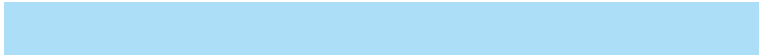
68.9780, 67.9041, 53.6811



57.0148, 67.9041, 62.1921

Rectangle

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



60.2981, 67.9041, 98.7357



67.8104, 67.9041, 100.5661



68.9780, 67.9041, 53.6811



61.3780, 67.9041, 52.4783

Sweetspot

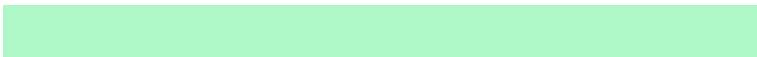
The Sweet Spot groups the original color and five complimentary colors.



60.3002, 67.9068, 98.7373



84.6194, 90.9330, 107.6997



60.9955, 80.0976, 65.6732



17.7730, 19.1640, 23.0122



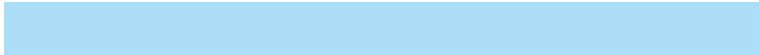
0.0000, 0.0000, 0.0000



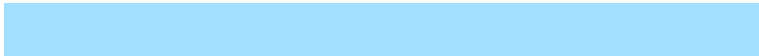
20.3446, 21.4041, 23.3091

Same Dimension

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



60.3002, 67.9068, 98.7373



59.6307, 67.8985, 104.5706



51.6321, 50.5707, 95.8479



17.2297, 18.5363, 22.0551



16.2717, 17.8990, 50.5708



1.6060, 1.8557, 4.7167

Inverse Universe

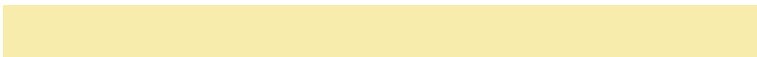
The Inverse Universe completely reimagines the original color for something new.



66.8415, 55.1192, 76.2264



67.7161, 52.8628, 76.5729



76.1072, 82.6783, 51.4840



17.7225, 17.4164, 20.3944



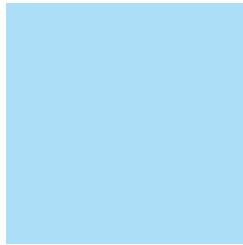
24.5052, 12.2178, 19.9008



2.3196, 1.1516, 2.1062

Previews

White Background



This preview shows how the XYZ color 60.2981, 67.9041, 98.7357 looks on a white background.

Color Contrast Check

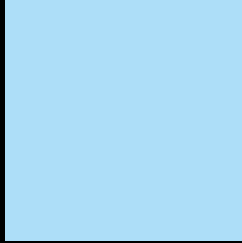
Large Text (above 18pt) WCAG AA × Fail

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 60.2981, 67.9041, 98.7357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

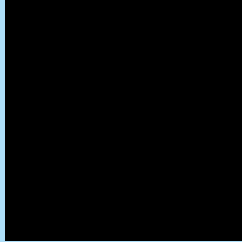
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2981, 67.9041, 98.7357

Background



This preview shows how black text looks on a background with the XYZ color 60.2981, 67.9041, 98.7357.

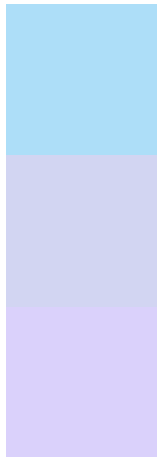


This preview shows how white text looks on a background with the XYZ color 60.2981, 67.9041,

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

60.2981, 67.9041, 98.7357

Protanopia

66.3996, 67.7009, 93.5724

Deuteranopia

69.1265, 67.4714, 100.6467



Tritanopia

59.0594, 67.7842, 93.1900

Trichromacy



Original Color

60.2981, 67.9041, 98.7357

Protanomaly

63.9110, 67.5137, 95.2509

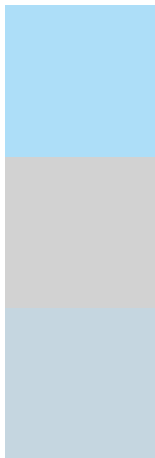
Deuteranomaly

65.6590, 67.5518, 100.0207

Tritanomaly

59.7301, 68.0777, 95.5801

Monochromacy



Original Color

60.2981, 67.9041, 98.7357

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.5271, 65.3453, 79.9438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2981, 67.9041, 98.7357 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(173, 222, 248)` looks like.

```
.text, #text, p{  
    color:rgb(173, 222, 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(173, 222, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 222, 248) }
```

Border

The CSS property to change the border of an element to XYZ 60.2981, 67.9041, 98.7357 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(173, 222, 248) }
```


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

```
.border{ border-color:rgb(173, 222, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 222, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 222, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 222, 248);  
box-shadow:4px 4px 4px 4px rgb(173, 222,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2981, 67.9041, 98.7357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 222, 248) }
```

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

```
.background{ background-color: rgb(173,  
222, 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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