

Converting Colors

XYZ(61.3265, 72.7427, 98.0407)

Have a look what the booklet for
XYZ(61.3265, 72.7427, 98.0407)
contains.

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Color

**XYZ(61.4994, 73.0386,
98.0453)**

Conversions

Conversions Part 1

Format	Color
Hex	A6E9F6
RGB	166, 233, 246
RGB Percent	65%, 91%, 96%
CMY	0.3490, 0.0863, 0.0353
CMYK	0.33, 0.05, 0.00, 0.04
HSL	190°, 82%, 81%
HSV	190°, 33%, 96%
XYZ	61.4994, 73.0386, 98.0453
YIQ	214.4490, -44.1050, -10.1610

Conversions

Conversions Part 2

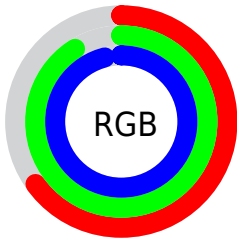
Format	Color
R _Y B	166, 202, 246
Decimal	10938870
CIE Lab	88.47, -17.82, -13.02
CIE LCh	88, 22.071, 216.142
Yxy	73.0386, 0.2644, 0.3140
Android (android.graphics.Color)	4289128950 (0xFFA6E9F6)
YUV	214.4490, 15.5546, -42.4898
Hunter-Lab	85.4626, -21.1100, -8.1954

Details

The XYZ color **61.4994, 73.0386, 98.0453** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.0103, 54.5872, 43.3991**, and the grayscale version is **64.1405, 67.4808, 73.4866**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **31.5719, 38.5415, 54.4904** is the 20% darker color. If you saturate the color by 10%, you get **55.7094, 68.3947, 97.4554**, and if you desaturate by 10%, it is **68.3057, 78.2480, 98.6933**.

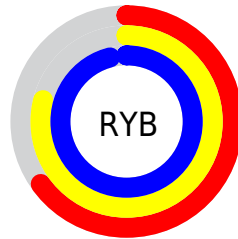
Distribution



Red (65%)

Green (91%)

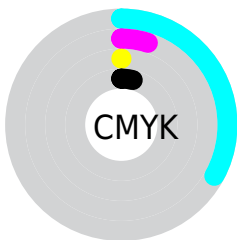
Blue (96%)



Red (65%)

Yellow (79%)

Blue (96%)

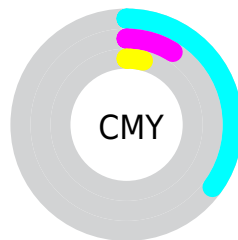


Cyan (33%)

Magenta (5%)

Yellow (0%)

Black (4%)



Cyan (35%)

Magenta (9%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4994, 73.0386, 98.0453 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 61.4994, 73.0386, 98.0453 by changing the saturation by 10% instead.

61.4994, 73.0386,
98.0453

61.4994, 73.0386,
98.0453

419.8494,
471.1486, 575.1004

44.8824, 54.0075,
74.0613

106.0957,
123.5320, 160.4967

31.5657, 38.6077,
54.3471

134.8057,
155.7631, 199.8013

21.1839, 26.4547,
38.4842

168.2775,
193.1631, 245.0498

13.3717, 17.1641,
26.0540

206.8763,
236.1162, 296.6608

7.7638, 10.3515,
16.6379

250.9676,
285.0069, 355.0528

3.9947, 5.6327,
9.8174

300.9166,

1.6991, 2.6230,

340.2196, 420.6444

5.1741

357.0888,
402.1387, 493.8541

■ 0.4557, 0.9383,
2.2892

■ 0.0000, 0.0000,
0.7252

■ 61.4994, 73.0386,
98.0453

■ 61.4994, 73.0386,
98.0453

■ 55.7094, 68.3947,
97.4554

■ 68.3057, 78.2480,
98.6933

■ 50.8726, 64.2783,
96.9157

■ 76.1738, 84.0413,
99.3968

■ 46.9288, 60.6598,
96.4251

■ 85.1544, 90.4466,
100.1599

■ 43.8083, 57.5029,
95.9803

■ 91.7479, 95.6601,
100.8187

■ 41.4304, 54.7660,
95.5773

■ 92.9964, 98.1572,
101.2348

■ 39.6979, 52.3986,
95.2117

■ 93.6348, 99.4339,
101.4476

■ 38.7140, 50.8124,
94.9574

Harmonies

Analogous

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



59.7581, 73.0386, 82.6957



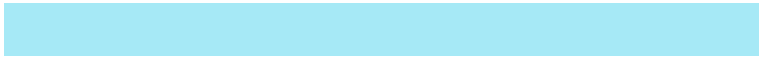
61.4994, 73.0386, 98.0453



65.3734, 73.0386, 109.3719

Triad

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



61.4994, 73.0386, 98.0453



79.1815, 73.0386, 91.9471



68.3345, 73.0386, 53.8569

Complementary

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



61.4994, 73.0386, 98.0453



61.0103, 54.5872, 43.3991

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.



73.6323, 73.0386, 55.6740



61.4994, 73.0386, 98.0453



80.0731, 73.0386, 76.4395

Square

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



61.4994, 73.0386, 98.0453



75.6173, 73.0386, 105.5490



77.9952, 73.0386, 63.5002



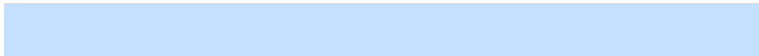
63.5728, 73.0386, 58.1768

Rectangle

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



61.4994, 73.0386, 98.0453



68.7364, 73.0386, 112.4070



77.9952, 73.0386, 63.5002



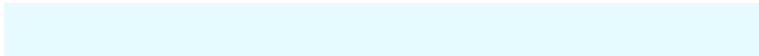
70.1101, 73.0386, 53.7786

Sweetspot

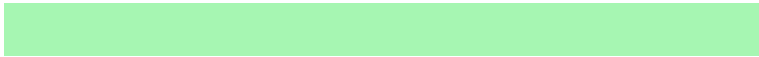
The Sweet Spot groups the original color and five complimentary colors.



61.5016, 73.0415, 98.0470



84.9754, 92.8654, 108.0539



56.7192, 77.2344, 54.0397



17.9064, 19.6741, 23.1037



0.0000, 0.0000, 0.0000



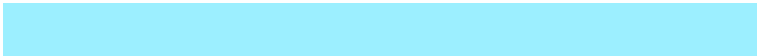
20.3446, 21.4041, 23.3091

Same Dimension

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



61.5016, 73.0415, 98.0470



62.4937, 75.8837, 105.9610



51.6540, 53.3463, 94.7645



16.7541, 18.2724, 21.1865



20.7515, 27.2968, 50.7131



1.8837, 2.5189, 4.4771

Inverse Universe

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



66.3521, 52.7504, 83.7786



68.6097, 51.1088, 87.7879



69.9619, 72.4905, 46.3830



17.0912, 16.7193, 20.2268



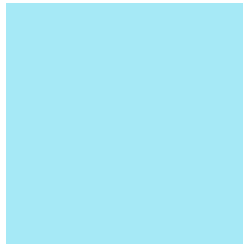
26.2789, 12.8550, 32.5068



2.3399, 1.1419, 3.0162

Previews

White Background



This preview shows how the XYZ color 61.4994, 73.0386, 98.0453 looks on a white background.

Color Contrast Check

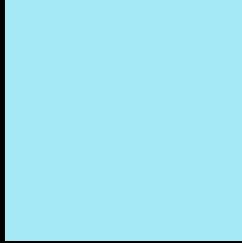
Large Text (above 18pt) WCAG AA × Fail

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 61.4994, 73.0386, 98.0453 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 61.4994, 73.0386, 98.0453

Background



This preview shows how black text looks on a background with the XYZ color 61.4994, 73.0386, 98.0453.

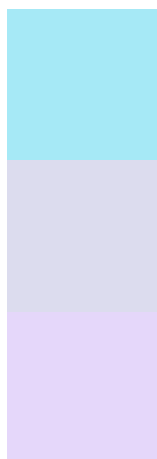


This preview shows how white text looks on a background with the XYZ color 61.4994, 73.0386,

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

61.4994, 73.0386, 98.0453

Protanopia

70.5410, 72.5751, 91.1794

Deuteranopia

73.8689, 72.1610, 100.4776



Tritanopia

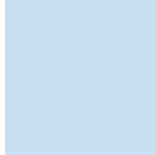
62.2055, 72.8937, 102.0581

Trichromacy



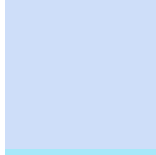
Original Color

61.4994, 73.0386, 98.0453



Protanomaly

66.6218, 72.4807, 93.6979



Deuteranomaly

68.6738, 72.2039, 99.9398



Tritanomaly

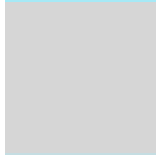
61.8918, 72.7683, 100.4062

Monochromacy



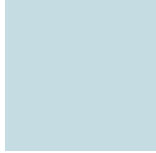
Original Color

61.4994, 73.0386, 98.0453



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

62.6099, 69.0742, 81.9843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4994, 73.0386, 98.0453 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(166, 233, 246)` looks like.

```
.text, #text, p{  
    color:rgb(166, 233, 246)  
}
```

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(166, 233, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 233, 246) }
```

Border

The CSS property to change the border of an element to XYZ 61.4994, 73.0386, 98.0453 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(166, 233, 246) }
```


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

```
.border{ border-color:rgb(166, 233, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 233, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 233, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 233, 246);  
box-shadow:4px 4px 4px 4px rgb(166, 233,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4994, 73.0386, 98.0453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 233, 246) }
```

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

```
.background{ background-color: rgb(166,  
233, 246) }
```

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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