

Converting Colors

XYZ(61.0820, 74.0772, 99.0747)

Have a look what the booklet for
XYZ(61.0820, 74.0772, 99.0747)
contains.

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Color

**XYZ(61.0820, 74.0772,
99.0747)**

Conversions

Conversions Part 1

Format	Color
Hex	9FECF7
RGB	159, 236, 247
RGB Percent	62%, 93%, 97%
CMY	0.3765, 0.0745, 0.0314
CMYK	0.36, 0.04, 0.00, 0.03
HSL	187°, 85%, 80%
HSV	187°, 36%, 97%
XYZ	61.0820, 74.0772, 99.0747
YIQ	214.2310, -49.4230, -12.9030

Conversions

Conversions Part 2

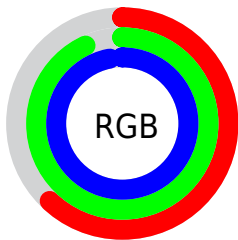
Format	Color
R _Y B	159, 200, 247
Decimal	10480887
CIE Lab	88.96, -20.93, -12.84
CIE LCh	89, 24.554, 211.532
Yxy	74.0772, 0.2608, 0.3163
Android (android.graphics.Color)	4288670967 (0xFF9FECF7)
YUV	214.2310, 16.1551, -48.4376
Hunter-Lab	86.0681, -23.9389, -8.0022

Details

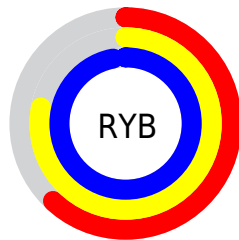
The XYZ color **61.0820, 74.0772, 99.0747** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **58.9916, 51.0277, 39.5427**, and the grayscale version is **63.9923, 67.3249, 73.3168**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **31.3187, 39.2877, 55.2228** is the 20% darker color. If you saturate the color by 10%, you get **55.7842, 70.0398, 98.5759**, and if you desaturate by 10%, it is **67.3782, 78.6557, 99.6279**.

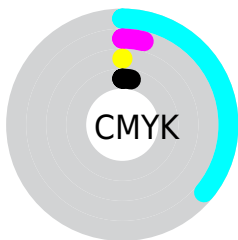
Distribution



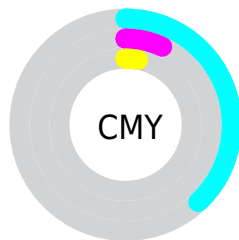
- Red (62%)
- Green (93%)
- Blue (97%)



- Red (62%)
- Yellow (78%)
- Blue (97%)



- Cyan (36%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)



- Cyan (38%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0820, 74.0772, 99.0747 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 61.0820, 74.0772, 99.0747 by changing the saturation by 10% instead.

61.0820, 74.0772,
99.0747

61.0820, 74.0772,
99.0747

418.3457,
474.7398, 578.4433

44.5441, 54.8572,
74.9154

105.4951,
125.0052, 161.9258

31.2983, 39.2874,
55.0423

134.1010,
157.4821, 201.4547

20.9790, 26.9834,
39.0368

167.4604,
195.1467, 246.9439

13.2210, 17.5608,
26.4803

205.9385,
238.3834, 298.8120

7.6590, 10.6351,
16.9543

249.9007,
287.5767, 357.4774

3.9275, 5.8220,
10.0403

299.7125,

1.6612, 2.7372,

343.1110, 423.3587

5.3197

355.7390,
405.3705, 496.8745

■ 0.4318, 0.9961,
2.3741

■ 0.0000, 0.0000,
0.7723

■ 61.0820, 74.0772,
99.0747

■ 61.0820, 74.0772,
99.0747

■ 55.7842, 70.0398,
98.5759

■ 67.3782, 78.6557,
99.6279

■ 51.4196, 66.5044,
98.1235

■ 74.7201, 83.7943,
100.2328

■ 47.9253, 63.4402,
97.7163

■ 83.1597, 89.5219,
100.8935

■ 45.2280, 60.8094,
97.3506

■ 91.7044, 95.3268,
101.5636

■ 43.2421, 58.5677,
97.0226

■ 92.6631, 97.2442,
101.8831

■ 41.8617, 56.6603,
96.7272

■ 93.6375, 99.1931,
102.2080

■ 41.3787, 55.8953,
96.6050

■ 93.7888, 99.4955,
102.2584

Harmonies

Analogous

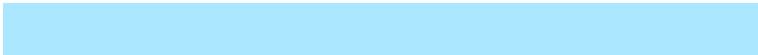
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.5589, 74.0772, 81.5384



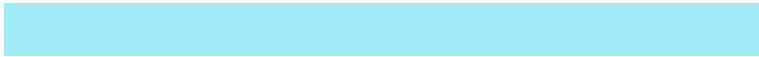
61.0820, 74.0772, 99.0747



65.0838, 74.0772, 113.0986

Triad

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



61.0820, 74.0772, 99.0747



80.9743, 74.0772, 97.3413



70.1021, 74.0772, 52.0879

Complementary

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



61.0820, 74.0772, 99.0747



58.9916, 51.0277, 39.5427

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.



76.0152, 74.0772, 55.1014



61.0820, 74.0772, 99.0747



82.5009, 74.0772, 79.7830

Square

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



61.0820, 74.0772, 99.0747



76.5752, 74.0772, 112.0026



80.6383, 74.0772, 64.6770



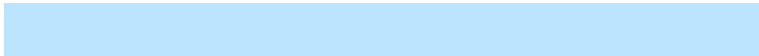
64.5814, 74.0772, 55.7851

Rectangle

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



61.0820, 74.0772, 99.0747



68.7335, 74.0772, 117.6842



80.6383, 74.0772, 64.6770



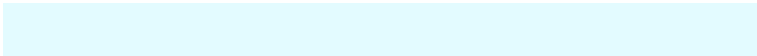
72.1098, 74.0772, 52.3469

Sweetspot

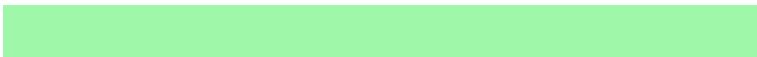
The Sweet Spot groups the original color and five complimentary colors.



61.0842, 74.0801, 99.0764



84.3646, 92.8465, 108.0824



54.7469, 76.7686, 49.6016



17.7975, 19.6960, 23.1136



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.



61.0842, 74.0801, 99.0764



61.3320, 76.3579, 106.1138



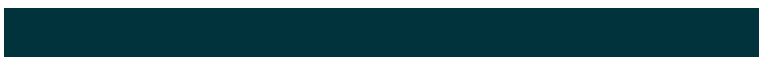
50.0993, 52.1102, 95.4148



16.8097, 18.3836, 21.2050



21.9559, 29.7055, 51.1146



1.9782, 2.7079, 4.5086

Inverse Universe

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



65.8981, 50.6284, 85.6591



67.3405, 47.9865, 89.1647



68.4787, 70.0018, 42.7051



17.1193, 16.7306, 20.3745



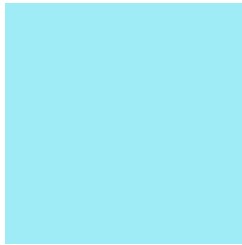
26.8868, 13.0982, 35.7079



2.3876, 1.1610, 3.2674

Previews

White Background



This preview shows how the XYZ color 61.0820, 74.0772, 99.0747 looks on a white background.

Color Contrast Check

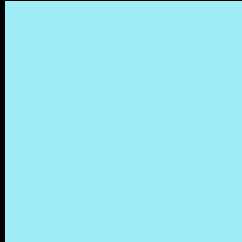
Large Text (above 18pt) WCAG AA × Fail

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 61.0820, 74.0772, 99.0747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

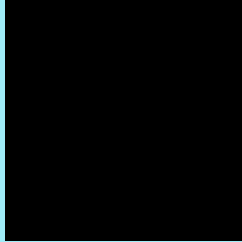
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0820, 74.0772, 99.0747

Background



This preview shows how black text looks on a background with the XYZ color 61.0820, 74.0772, 99.0747.

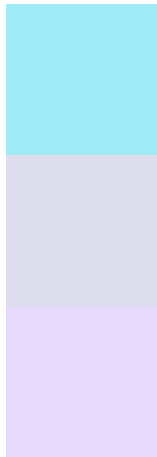


This preview shows how white text looks on a background with the XYZ color 61.0820, 74.0772,

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

61.0820, 74.0772, 99.0747

Protanopia

71.4133, 73.4155, 91.2957

Deuteranopia

75.1804, 73.5797, 101.5066



Tritanopia

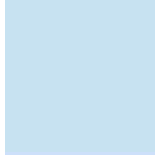
62.2957, 74.1495, 104.7949

Trichromacy



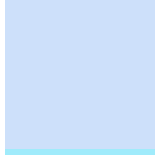
Original Color

61.0820, 74.0772, 99.0747



Protanomaly

66.6267, 72.8857, 93.7758



Deuteranomaly

69.0878, 73.1926, 100.9287



Tritanomaly

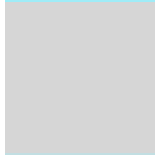
61.6181, 73.8553, 102.2747

Monochromacy



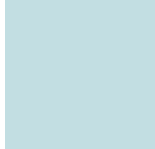
Original Color

61.0820, 74.0772, 99.0747



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

62.0969, 69.2029, 82.0361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0820, 74.0772, 99.0747 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(159, 236, 247)` looks like.

```
.text, #text, p{  
    color:rgb(159, 236, 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(159, 236, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 236, 247) }
```

Border

The CSS property to change the border of an element to XYZ 61.0820, 74.0772, 99.0747 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(159, 236, 247) }
```


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

```
.border{ border-color:rgb(159, 236, 247) }
```

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

Here you see how a box with a 4 pixel rgb(159, 236, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 236, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 236, 247);  
box-shadow:4px 4px 4px 4px rgb(159, 236,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0820, 74.0772, 99.0747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 236, 247) }
```

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

```
.background{ background-color: rgb(159,  
236, 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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