

Converting Colors

XYZ(60.1286, 71.3187, 97.7114)

Have a look what the booklet for
XYZ(60.1286, 71.3187, 97.7114)
contains.

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Color

**XYZ(60.3147, 71.5922,
97.8285)**

Conversions

Conversions Part 1

Format	Color
Hex	A3E7F6
RGB	163, 231, 246
RGB Percent	64%, 91%, 96%
CMY	0.3608, 0.0941, 0.0353
CMYK	0.34, 0.06, 0.00, 0.04
HSL	191°, 82%, 80%
HSV	191°, 34%, 96%
XYZ	60.3147, 71.5922, 97.8285
YIQ	212.3780, -45.3430, -9.7510

Conversions

Conversions Part 2

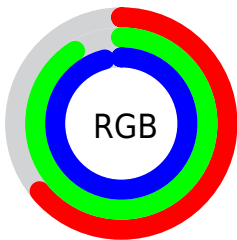
Format	Color
R _Y B	163, 200, 246
Decimal	10741750
CIE Lab	87.77, -17.63, -14.07
CIE LCh	88, 22.554, 218.601
Yxy	71.5922, 0.2625, 0.3116
Android (android.graphics.Color)	4288931830 (0xFFA3E7F6)
YUV	212.3780, 16.5756, -43.3045
Hunter-Lab	84.6122, -20.8299, -9.3225

Details

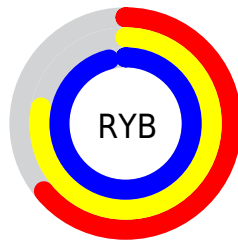
The XYZ color **60.3147, 71.5922, 97.8285** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.5383, 54.0786, 41.8995**, and the grayscale version is **62.7473, 66.0150, 71.8903**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **30.8086, 37.5658, 54.3423** is the 20% darker color. If you saturate the color by 10%, you get **54.5315, 66.7890, 97.2074**, and if you desaturate by 10%, it is **67.1135, 76.9693, 98.5093**.

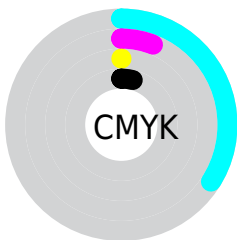
Distribution



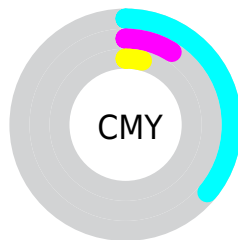
- Red (64%)
- Green (91%)
- Blue (96%)



- Red (64%)
- Yellow (78%)
- Blue (96%)



- Cyan (34%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (36%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3147, 71.5922, 97.8285 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 60.3147, 71.5922, 97.8285 by changing the saturation by 10% instead.

60.3147, 71.5922,
97.8285

60.3147, 71.5922,
97.8285

415.5730,
466.1210, 574.3951

43.9228, 52.8256,
73.8815

104.3898,
121.4766, 160.1956

30.8075, 37.6636,
54.2009

132.8037,
153.3631, 199.4528

20.6034, 25.7217,
38.3680

165.9556,
190.3918, 244.6505

12.9452, 16.6155,
25.9644

204.2109,
232.9471, 296.2072

7.4676, 9.9608,
16.5715

247.9349,
281.4132, 354.5414

3.8051, 5.3730,
9.7707

297.4930,

1.5925, 2.4677,

336.1746, 420.0718

5.1436

353.2506,
397.6157, 493.2168

■ 0.3875, 0.8604,
2.2715

■ 0.0000, 0.0000,
0.7152

■ 60.3147, 71.5922,
97.8285

■ 60.3147, 71.5922,
97.8285

■ 54.5315, 66.7890,
97.2074

■ 67.1135, 76.9693,
98.5093

■ 49.7002, 62.5213,
96.6383

■ 74.9740, 82.9393,
99.2473

■ 45.7598, 58.7591,
96.1198

■ 83.9474, 89.5306,
100.0466

■ 42.6392, 55.4654,
95.6486

■ 91.6839, 95.5322,
100.7973

■ 40.2562, 52.5976,
95.2206

■ 93.0726, 98.3096,
101.2602

■ 38.5107, 50.1034,
94.8312

■ 93.6348, 99.4339,
101.4476

■ 37.6500, 48.6844,
94.6026

Harmonies

Analogous

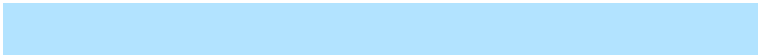
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.3676, 71.5922, 82.4444



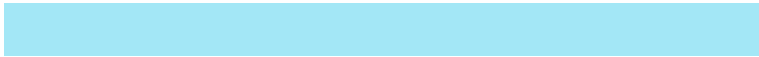
60.3147, 71.5922, 97.8285



64.3593, 71.5922, 108.7467

Triad

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



60.3147, 71.5922, 97.8285



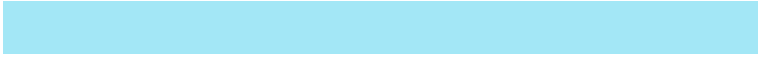
78.0871, 71.5922, 89.2098



66.5183, 71.5922, 52.2858

Complementary

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



60.3147, 71.5922, 97.8285



60.5383, 54.0786, 41.8995

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.



71.8714, 71.5922, 53.5997



60.3147, 71.5922, 97.8285



78.7398, 71.5922, 73.6254

Square

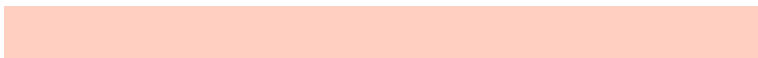
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.3147, 71.5922, 97.8285



74.6725, 71.5922, 103.3344



76.4118, 71.5922, 60.9680



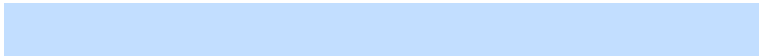
61.8241, 71.5922, 57.1084

Rectangle

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



60.3147, 71.5922, 97.8285



67.7953, 71.5922, 111.2926



76.4118, 71.5922, 60.9680



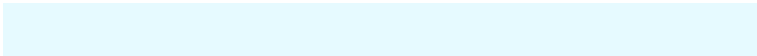
68.2978, 71.5922, 52.0388

Sweetspot

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



60.3169, 71.5950, 97.8302



84.8305, 92.5757, 108.0056



55.9807, 76.8671, 53.3959



17.8712, 19.6036, 23.0919



0.0000, 0.0000, 0.0000



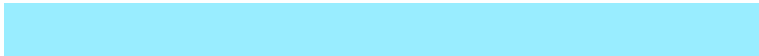
20.3446, 21.4041, 23.3091

Same Dimension

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



60.3169, 71.5950, 97.8302



61.3465, 74.3115, 105.7180



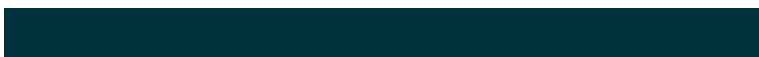
50.2986, 51.5584, 94.4907



16.7272, 18.2186, 21.1775



20.1907, 26.1752, 50.5262



1.8395, 2.4303, 4.4624

Inverse Universe

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



65.5288, 51.5585, 82.1025



67.8544, 50.1317, 85.8913



69.7762, 72.5546, 44.9788



17.0776, 16.7139, 20.1553



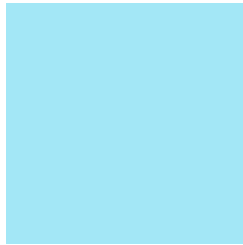
25.9959, 12.7418, 31.0162



2.3175, 1.1330, 2.8985

Previews

White Background



This preview shows how the XYZ color 60.3147, 71.5922, 97.8285 looks on a white background.

Color Contrast Check

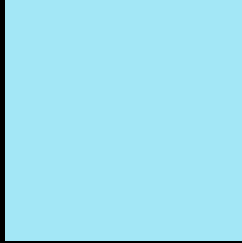
Large Text (above 18pt) WCAG AA × Fail

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 60.3147, 71.5922, 97.8285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

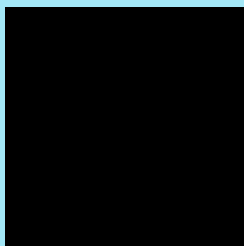
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3147, 71.5922, 97.8285

Background



This preview shows how black text looks on a background with the XYZ color 60.3147, 71.5922, 97.8285.



This preview shows how white text looks on a background with the XYZ color 60.3147, 71.5922,

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





Tritanopia

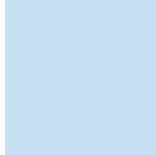
60.9846, 71.8839, 100.2833

Trichromacy



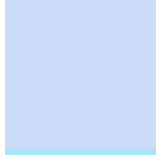
Original Color

60.3147, 71.5922, 97.8285



Protanomaly

65.5536, 71.1320, 93.4939



Deuteranomaly

67.3207, 70.7225, 99.7252



Tritanomaly

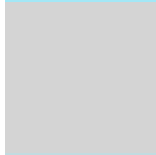
60.8290, 71.8217, 99.4639

Monochromacy



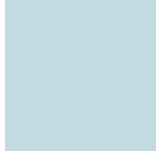
Original Color

60.3147, 71.5922, 97.8285



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

61.0342, 67.5142, 80.3357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3147, 71.5922, 97.8285 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(163, 231, 246)` looks like.

```
.text, #text, p{  
    color:rgb(163, 231, 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(163, 231, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 231, 246) }
```

Border

The CSS property to change the border of an element to XYZ 60.3147, 71.5922, 97.8285 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(163, 231, 246) }
```


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

```
.border{ border-color:rgb(163, 231, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 231, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 231, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 231, 246);  
box-shadow:4px 4px 4px 4px rgb(163, 231,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3147, 71.5922, 97.8285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 231, 246) }
```

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

```
.background{ background-color: rgb(163,  
231, 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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