

Converting Colors

XYZ(60.7128, 66.8311,
104.3075)

Have a look what the booklet for
XYZ(60.7128, 66.8311, 104.3075)
contains.

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Color

**XYZ(60.6151, 66.7673,
104.3004)**

Conversions

Conversions Part 1

Format	Color
Hex	ADDDBFF
RGB	173, 219, 255
RGB Percent	68%, 86%, 100%
CMY	0.3216, 0.1412, 0.0000
CMYK	0.32, 0.14, 0.00, 0.00
HSL	206°, 100%, 84%
HSV	206°, 32%, 100%
XYZ	60.6151, 66.7673, 104.3004
YIQ	209.3500, -38.9720, 1.4440

Conversions

Conversions Part 2

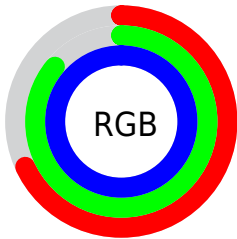
Format	Color
RYB	173, 202, 255
Decimal	11394047
CIELab	85.39, -6.63, -22.35
CIELCh	85, 23.313, 253.475
Yxy	66.7673, 0.2616, 0.2882
Android (android.graphics.Color)	4289584127 (0xFFADDBFF)
YUV	209.3500, 22.5055, -31.8789
Hunter-Lab	81.7113, -10.5797, -18.4829

Details

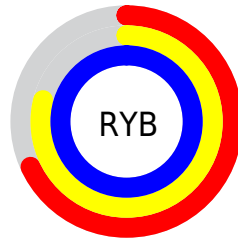
The XYZ color **60.6151, 66.7673, 104.3004** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.5835, 69.8779, 49.2519**, and the grayscale version is **60.7103, 63.8719, 69.5565**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **30.9397, 34.4797, 58.4506** is the 20% darker color. If you saturate the color by 10%, you get **52.6827, 58.4888, 103.1205**, and if you desaturate by 10%, it is **69.8237, 75.9985, 105.5968**.

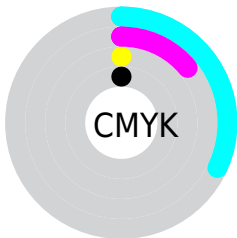
Distribution



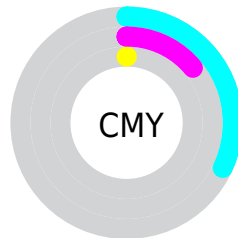
- Red (68%)
- Green (86%)
- Blue (100%)



- Red (68%)
- Yellow (79%)
- Blue (100%)



- Cyan (32%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6151, 66.7673, 104.3004 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 60.6151, 66.7673, 104.3004 by changing the saturation by 10% instead.

60.6151, 66.7673,
104.3004

60.6151, 66.7673,
104.3004

416.6598,
449.1160, 595.2579

44.1660, 48.8955,
79.2600

104.8227,
114.5869, 169.1577

30.9995, 34.5366,
58.5870

133.3119,
145.3036, 209.8117

20.7503, 23.3062,
41.8629

166.5451,
181.0706, 256.5072

13.0530, 14.8197,
28.6692

204.8878,
222.2725, 309.6629

7.5423, 8.6930,
18.5873

248.7053,
269.2936, 369.6973

3.8528, 4.5415,
11.1987

298.3628,

1.6192, 1.9808,

322.5183, 437.0289

6.0848

354.2259,
382.3309, 512.0763

■ 0.4049, 0.5963,
2.8271

■ 0.0000, 0.0000,
1.0070

■ 60.6151, 66.7673,
104.3004

■ 60.6151, 66.7673,
104.3004

■ 52.6827, 58.4888,
103.1205

■ 69.8237, 75.9985,
105.5968

■ 45.9556, 51.1159,
102.0520

■ 80.3633, 86.2113,
107.0126

■ 40.3642, 44.6086,
101.0906

■ 92.2917, 97.4425,
108.5517

■ 35.8287, 38.9196,
100.2316

95.0500, 100.0000,
108.9000

■ 32.2574, 33.9953,
99.4693

■ 29.5406, 29.7727,
98.7975

■ 27.8810, 26.8820,
98.3270

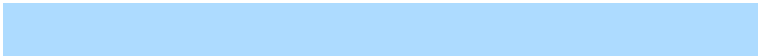
Harmonies

Analogous

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



56.3718, 66.7673, 94.6031



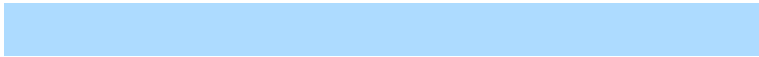
60.6151, 66.7673, 104.3004



65.8564, 66.7673, 104.8111

Triad

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



60.6151, 66.7673, 104.3004



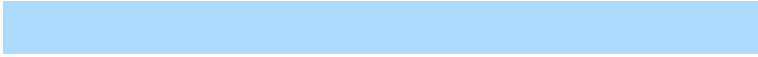
73.8581, 66.7673, 66.1292



56.7259, 66.7673, 53.5677

Complementary

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



60.6151, 66.7673, 104.3004



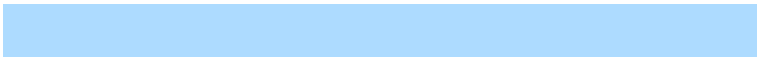
71.5835, 69.8779, 49.2519

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.



61.1231, 66.7673, 47.9224



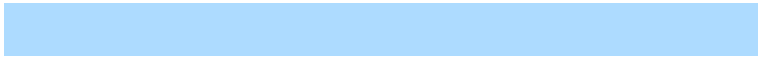
60.6151, 66.7673, 104.3004



71.1194, 66.7673, 54.4660

Square

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



60.6151, 66.7673, 104.3004



73.7034, 66.7673, 81.2894



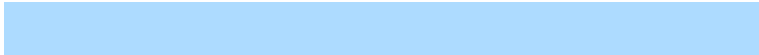
66.3932, 66.7673, 48.2266



54.2132, 66.7673, 64.7347

Rectangle

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



60.6151, 66.7673, 104.3004



69.2285, 66.7673, 99.7592



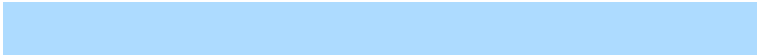
66.3932, 66.7673, 48.2266



58.0218, 66.7673, 51.0353

Sweetspot

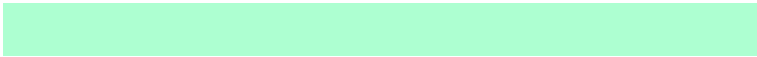
The Sweet Spot groups the original color and five complimentary colors.



60.6170, 66.7698, 104.3008



82.8151, 88.5449, 107.3338



64.4455, 84.9851, 73.0276



17.3821, 18.6254, 22.9289



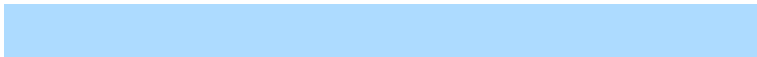
0.0000, 0.0000, 0.0000



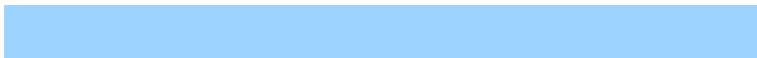
20.3446, 21.4041, 23.3091

Same Dimension

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



60.6170, 66.7698, 104.3008



55.0527, 61.0018, 103.4807



51.2984, 48.1328, 101.1946



17.8484, 19.0685, 22.9898



14.7198, 14.3491, 51.4284



1.5421, 1.6149, 5.0437

Inverse Universe

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



68.9710, 56.2632, 74.2454



64.8539, 49.6065, 68.0100



82.8240, 92.3590, 52.9987



18.4362, 18.1578, 20.9139



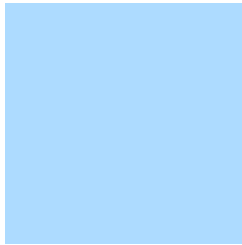
24.2181, 12.1765, 15.0646



2.4130, 1.2076, 1.7562

Previews

White Background



This preview shows how the XYZ color 60.6151, 66.7673, 104.3004 looks on a white background.

Color Contrast Check

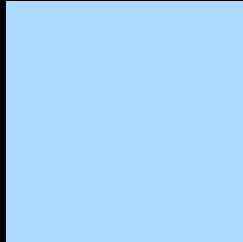
Large Text (above 18pt) WCAG AA × Fail

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 60.6151, 66.7673, 104.3004 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

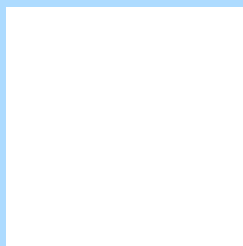
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.6151, 66.7673, 104.3004

Background



This preview shows how black text looks on a background with the XYZ color 60.6151, 66.7673, 104.3004.



This preview shows how white text looks on a background with the XYZ color 60.6151, 66.7673,

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

60.6151, 66.7673, 104.3004

Protanopia

65.7264, 66.4698, 99.8083

Deuteranopia

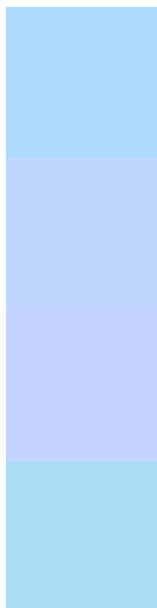
67.4698, 66.1806, 103.8258



Tritanopia

58.0634, 66.9096, 91.5159

Trichromacy



Original Color

60.6151, 66.7673, 104.3004

Protanomaly

63.6096, 66.4589, 101.5707

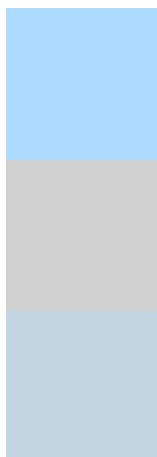
Deuteranomaly

64.6194, 66.1773, 103.9754

Tritanomaly

58.9154, 66.8515, 96.1847

Monochromacy



Original Color

60.6151, 66.7673, 104.3004

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.2867, 64.8152, 81.2847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6151, 66.7673, 104.3004 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, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 219, 255)  
}
```

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, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 219, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.6151, 66.7673, 104.3004 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, 219, 255) }
```


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

```
.border{ border-color:rgb(173, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(173, 219,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6151, 66.7673, 104.3004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 219, 255) }
```

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

```
.background{ background-color: rgb(173,  
219, 255) }
```

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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