

Converting Colors

XYZ(66.2999, 70.3694,
133.3848)

Have a look what the booklet for
XYZ(66.2999, 70.3694, 133.3848)
contains.

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Color

**XYZ(60.7488, 68.0086,
104.5329)**

Conversions

Conversions Part 1

Format	Color
Hex	AADEFF
RGB	170, 222, 255
RGB Percent	67%, 87%, 100%
CMY	0.3333, 0.1294, 0.0000
CMYK	0.33, 0.13, 0.00, 0.00
HSL	203°, 100%, 83%
HSV	203°, 33%, 100%
XYZ	60.7488, 68.0086, 104.5329
YIQ	210.2140, -41.5850, -0.7610

Conversions

Conversions Part 2

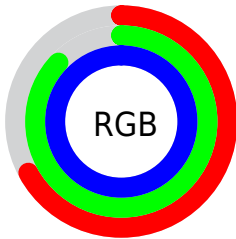
Format	Color
R _Y B	170, 202, 255
Decimal	11198207
CIE Lab	86.01, -9.01, -21.42
CIE LCh	86, 23.236, 247.194
Yxy	68.0086, 0.2604, 0.2915
Android (android.graphics.Color)	4289388287 (0xFFAADEFF)
YUV	210.2140, 22.0795, -35.2677
Hunter-Lab	82.4673, -12.8274, -17.4269

Details

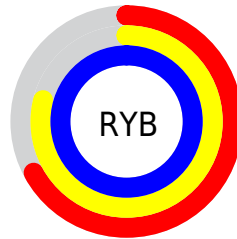
The XYZ color **60.7488, 68.0086, 104.5329** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.8518, 66.8740, 47.2584**, and the grayscale version is **61.2798, 64.4711, 70.2090**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **31.0820, 35.3595, 58.6129** is the 20% darker color. If you saturate the color by 10%, you get **53.2095, 60.3342, 103.4490**, and if you desaturate by 10%, it is **69.5154, 76.5481, 105.7191**.

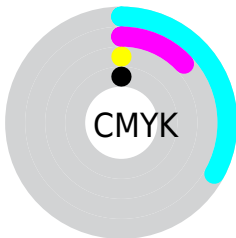
Distribution



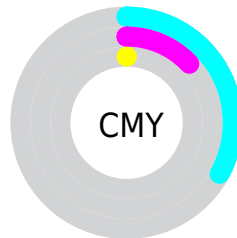
- Red (67%)
- Green (87%)
- Blue (100%)



- Red (67%)
- Yellow (79%)
- Blue (100%)



- Cyan (33%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7488, 68.0086, 104.5329 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 60.7488, 68.0086, 104.5329 by changing the saturation by 10% instead.

■ 60.7488, 68.0086,
104.5329

■ 60.7488, 68.0086,
104.5329

417.1430,
453.5265, 596.0002

■ 44.2742, 49.9047,
79.4536

■ 105.0153,
116.3644, 169.4786

■ 31.0850, 35.3377,
58.7453

133.5380,
147.3852, 210.1821

■ 20.8157, 23.9231,
41.9895

166.8074,
183.4804, 256.9308

■ 13.1011, 15.2766,
28.7675

205.1889,
225.0344, 310.1431

■ 7.5757, 9.0137,
18.6610

249.0478,
272.4316, 370.2377

■ 3.8741, 4.7501,
11.2512

298.7496,

■ 1.6312, 2.1014,

326.0564, 437.6330

6.1198

354.6595,
386.2933, 512.7477

■ 0.4126, 0.6654,
2.8481

■ 0.0000, 0.0000,
1.0176

■ 60.7488, 68.0086,
104.5329

■ 60.7488, 68.0086,
104.5329

■ 53.2095, 60.3342,
103.4490

■ 69.5154, 76.5481,
105.7191

■ 46.8271, 53.4799,
102.4623

■ 79.5632, 85.9794,
107.0100

■ 41.5324, 47.4076,
101.5693

■ 90.9497, 96.3376,
108.4092

■ 37.2457, 42.0721,
100.7654

95.0500, 100.0000,
108.9000

■ 33.8750, 37.4218,
100.0455

■ 31.3091, 33.3950,
99.4034

■ 29.9398, 30.9997,
99.0133

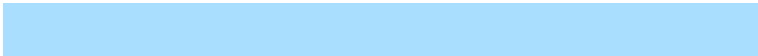
Harmonies

Analogous

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



56.8157, 68.0086, 93.2464



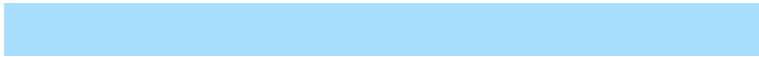
60.7488, 68.0086, 104.5329



65.9320, 68.0086, 107.1510

Triad

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



60.7488, 68.0086, 104.5329



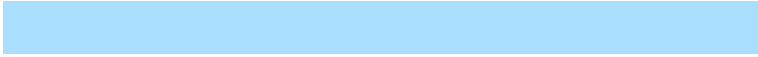
75.3496, 68.0086, 70.4349



58.6410, 68.0086, 53.0448

Complementary

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



60.7488, 68.0086, 104.5329



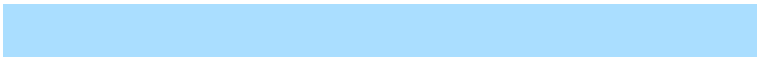
69.8518, 66.8740, 47.2584

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.



63.3653, 68.0086, 48.5818



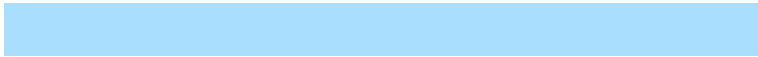
60.7488, 68.0086, 104.5329



73.1519, 68.0086, 57.6871

Square

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



60.7488, 68.0086, 104.5329



74.5544, 68.0086, 86.0182



68.6942, 68.0086, 50.1564



55.6462, 68.0086, 63.2465

Rectangle

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



60.7488, 68.0086, 104.5329



69.4375, 68.0086, 103.3423



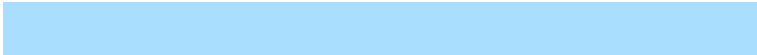
68.6942, 68.0086, 50.1564



60.0690, 68.0086, 50.8925

Sweetspot

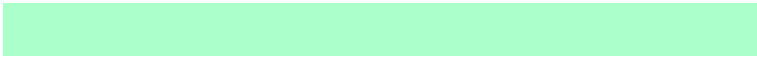
The Sweet Spot groups the original color and five complimentary colors.



60.7507, 68.0112, 104.5333



83.2058, 89.3262, 107.4640



63.0685, 84.3585, 69.2000



17.4767, 18.8146, 22.9604



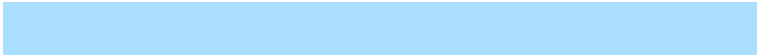
0.0000, 0.0000, 0.0000



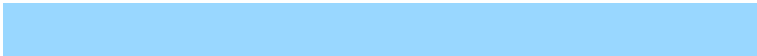
20.3446, 21.4041, 23.3091

Same Dimension

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



60.7507, 68.0112, 104.5333



55.5901, 62.7988, 103.7992



50.9334, 48.3766, 101.2609



17.9282, 19.2279, 23.0164



15.7935, 16.4966, 51.7863



1.6439, 1.8185, 5.0776

Inverse Universe

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



68.8008, 55.2849, 76.1550



64.9489, 48.9695, 70.5909



81.1738, 89.5179, 51.0323



18.4764, 18.1739, 21.1258



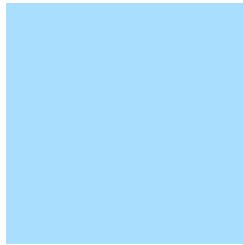
24.7600, 12.3933, 17.9187



2.4644, 1.2281, 2.0268

Previews

White Background



This preview shows how the XYZ color 60.7488, 68.0086, 104.5329 looks on a white background.

Color Contrast Check

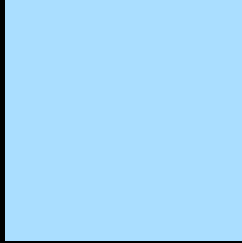
Large Text (above 18pt) WCAG AA × Fail

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 60.7488, 68.0086, 104.5329 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

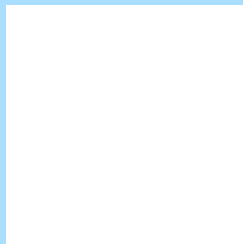
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7488, 68.0086, 104.5329

Background



This preview shows how black text looks on a background with the XYZ color 60.7488, 68.0086, 104.5329.

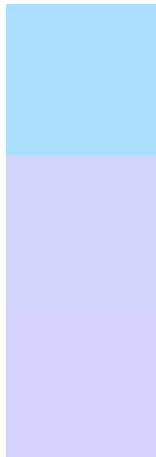


This preview shows how white text looks on a background with the XYZ color 60.7488, 68.0086,

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

60.7488, 68.0086, 104.5329

Protanopia

66.9056, 67.8379, 99.1903

Deuteranopia

68.8281, 67.6093, 104.0300



Tritanopia

58.6190, 67.9376, 94.0281

Trichromacy



Original Color

60.7488, 68.0086, 104.5329

Protanomaly

64.2166, 67.5461, 100.9199

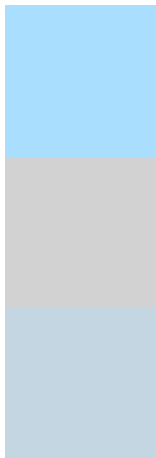
Deuteranomaly

65.3853, 67.3189, 104.1554

Tritanomaly

59.3246, 67.8156, 97.9587

Monochromacy



Original Color

60.7488, 68.0086, 104.5329

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.2797, 65.1862, 81.3566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7488, 68.0086, 104.5329 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(170, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(170, 222, 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(170, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 222, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.7488, 68.0086, 104.5329 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(170, 222, 255) }
```


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

```
.border{ border-color:rgb(170, 222, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(170, 222,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7488, 68.0086, 104.5329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 222, 255) }
```

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

```
.background{ background-color: rgb(170,  
222, 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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