

Converting Colors

XYZ(65.0666, 71.1387,
104.9095)

Have a look what the booklet for
XYZ(65.0666, 71.1387, 104.9095)
contains.

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Color

**XYZ(64.9554, 70.9704,
104.8829)**

Conversions

Conversions Part 1

Format	Color
Hex	BAE0FF
RGB	186, 224, 255
RGB Percent	73%, 88%, 100%
CMY	0.2706, 0.1216, 0.0000
CMYK	0.27, 0.12, 0.00, 0.00
HSL	207°, 100%, 86%
HSV	207°, 27%, 100%
XYZ	64.9554, 70.9704, 104.8829
YIQ	216.1720, -32.5990, 1.5850

Conversions

Conversions Part 2

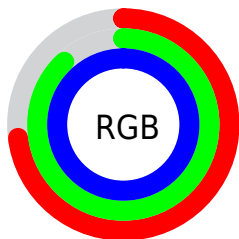
Format	Color
R _Y B	186, 211, 255
Decimal	12247295
CIE Lab	87.47, -5.58, -19.12
CIE LCh	87, 19.920, 253.736
Yxy	70.9704, 0.2697, 0.2947
Android (android.graphics.Color)	4290437375 (0xFFBAE0FF)
YUV	216.1720, 19.1422, -26.4608
Hunter-Lab	84.2439, -9.7963, -14.8447

Details

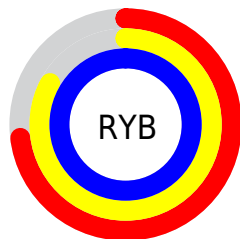
The XYZ color **64.9554, 70.9704, 104.8829** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.9160, 74.4306, 56.8744**, and the grayscale version is **65.2787, 68.6783, 74.7906**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **33.7411, 37.2784, 58.8432** is the 20% darker color. If you saturate the color by 10%, you get **56.3290, 62.1074, 103.6268**, and if you desaturate by 10%, it is **74.8986, 80.8237, 106.2607**.

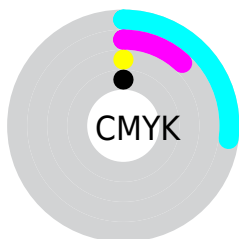
Distribution



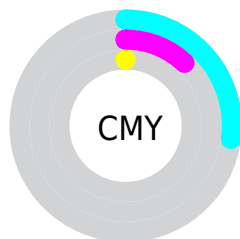
- Red (73%)
- Green (88%)
- Blue (100%)



- Red (73%)
- Yellow (83%)
- Blue (100%)



- Cyan (27%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9554, 70.9704, 104.8829 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 64.9554, 70.9704, 104.8829 by changing the saturation by 10% instead.

■ 64.9554, 70.9704,
104.8829

■ 64.9554, 70.9704,
104.8829

432.1794,
463.9500, 597.1167

■ 47.6895, 52.3180,
79.7451

■ 111.0518,
120.5916, 169.9616

■ 33.7913, 37.2586,
58.9837

140.6130,
152.3292, 210.7395

■ 22.8954, 25.4078,
42.1801

175.0033,
189.1973, 257.5680

■ 14.6366, 16.3811,
28.9157

214.5881,
231.5804, 310.8655

■ 8.6494, 9.7943,
18.7720

259.7328,
279.8628, 371.0506

■ 4.5685, 5.2628,
11.3305

310.8027,

■ 2.0285, 2.4022,

334.4289, 438.5418

6.1727

368.1631,
395.6632, 513.7576

■ 0.6499, 0.8270,
2.8799

■ 0.0000, 0.0000,
1.0336

■ 64.9554, 70.9704,
104.8829

■ 64.9554, 70.9704,
104.8829

■ 56.3290, 62.1074,
103.6268

■ 74.8986, 80.8237,
106.2607

■ 48.9506, 54.1880,
102.4871

■ 86.2111, 91.6949,
107.7628

■ 42.7539, 47.1734,
101.4597

95.0500, 100.0000,
108.9000

■ 37.6631, 41.0183,
100.5400

■ 33.5930, 35.6721,
99.7226

■ 30.4438, 31.0764,
99.0015

■ 28.0893, 27.1591,
98.3695

■ 27.4932, 26.1064,
98.1977

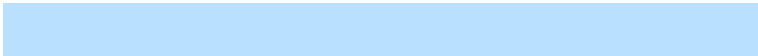
Harmonies

Analogous

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



61.1331, 70.9704, 96.5870



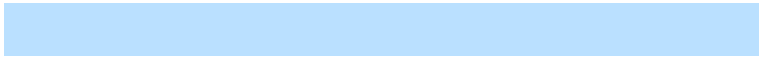
64.9554, 70.9704, 104.8829



69.6242, 70.9704, 105.2457

Triad

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



64.9554, 70.9704, 104.8829



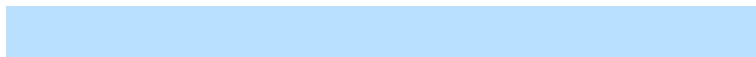
76.6216, 70.9704, 71.2899



61.3976, 70.9704, 60.0400

Complementary

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



64.9554, 70.9704, 104.8829



74.9160, 74.4306, 56.8744

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.



65.3318, 70.9704, 54.7584



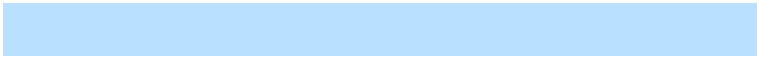
64.9554, 70.9704, 104.8829



74.1988, 70.9704, 60.7252

Square

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



64.9554, 70.9704, 104.8829



76.5093, 70.9704, 84.7534



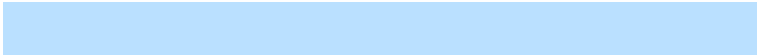
70.0184, 70.9704, 54.9938



59.1453, 70.9704, 70.2494

Rectangle

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



64.9554, 70.9704, 104.8829



72.6004, 70.9704, 100.8619



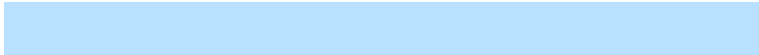
70.0184, 70.9704, 54.9938



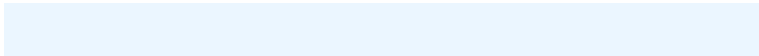
62.5591, 70.9704, 57.6853

Sweetspot

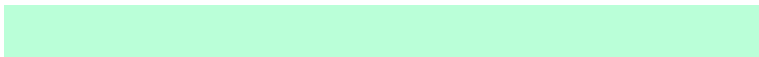
The Sweet Spot groups the original color and five complimentary colors.



64.9574, 70.9731, 104.8833



85.0848, 90.6257, 107.6158



68.3926, 86.9123, 78.0704



17.8324, 19.0365, 22.9845



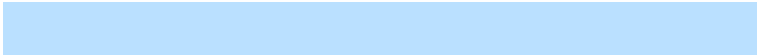
0.0000, 0.0000, 0.0000



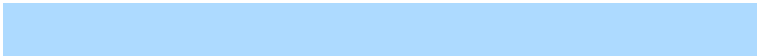
20.3446, 21.4041, 23.3091

Same Dimension

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



64.9574, 70.9731, 104.8833



60.5324, 66.4704, 104.2474



56.8450, 54.7483, 102.1792



17.8324, 19.0365, 22.9845



14.5171, 13.9438, 51.3609



1.5226, 1.5759, 5.0372

Inverse Universe

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



72.2548, 61.7613, 78.6369



68.9601, 56.3807, 73.8127



84.4134, 93.4255, 60.0402



18.4281, 18.1545, 20.8714



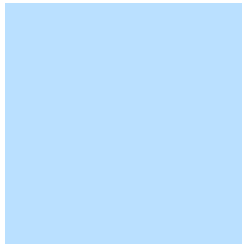
24.1158, 12.1356, 14.5260



2.4032, 1.2036, 1.7044

Previews

White Background



This preview shows how the XYZ color 64.9554, 70.9704, 104.8829 looks on a white background.

Color Contrast Check

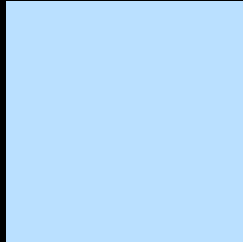
Large Text (above 18pt) WCAG AA × Fail

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 64.9554, 70.9704, 104.8829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

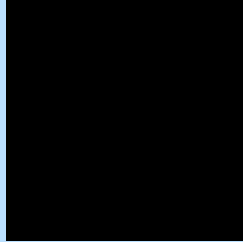
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

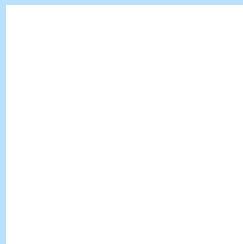
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.9554, 70.9704, 104.8829

Background



This preview shows how black text looks on a background with the XYZ color 64.9554, 70.9704, 104.8829.

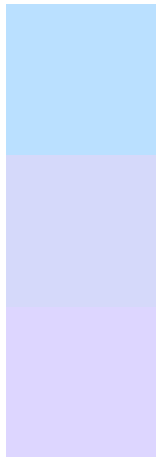


This preview shows how white text looks on a background with the XYZ color 64.9554, 70.9704,

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

64.9554, 70.9704, 104.8829

Protanopia

69.5087, 70.6740, 100.4204

Deuteranopia

71.9154, 70.6853, 104.4610



Tritanopia

63.2927, 71.1147, 95.9786

Trichromacy



Original Color

64.9554, 70.9704, 104.8829

Protanomaly

67.7925, 70.9112, 102.2096

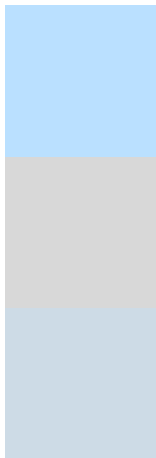
Deuteranomaly

69.1338, 70.7727, 104.6245

Tritanomaly

63.8761, 70.9420, 99.1335

Monochromacy



Original Color

64.9554, 70.9704, 104.8829

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.7913, 69.3553, 84.8350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9554, 70.9704, 104.8829 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(186, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 224, 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(186, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 224, 255) }
```

Border

The CSS property to change the border of an element to XYZ 64.9554, 70.9704, 104.8829 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(186, 224, 255) }
```


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

```
.border{ border-color:rgb(186, 224, 255) }
```

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

Here you see how a box with a 4 pixel rgb(186, 224, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 224,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9554, 70.9704, 104.8829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 224, 255) }
```

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

```
.background{ background-color: rgb(186,  
224, 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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