

Converting Colors

XYZ(64.3482, 67.8275,
104.3083)

Have a look what the booklet for
XYZ(64.3482, 67.8275, 104.3083)
contains.

XYZ(64.3487, 67.9221, 104.3265)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(64.3487, 67.9221,
104.3265)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD9FF
RGB	191, 217, 255
RGB Percent	75%, 85%, 100%
CMY	0.2510, 0.1490, 0.0000
CMYK	0.25, 0.15, 0.00, 0.00
HSL	216°, 100%, 87%
HSV	216°, 25%, 100%
XYZ	64.3487, 67.9221, 104.3265
YIQ	213.5580, -27.6940, 6.3060

Conversions

Conversions Part 2

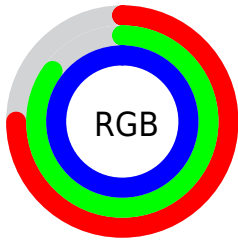
Format	Color
RYB	191, 209, 255
Decimal	12573183
CIELab	85.97, -0.48, -21.36
CIELCh	86, 21.370, 268.726
Yxy	67.9221, 0.2720, 0.2871
Android (android.graphics.Color)	4290763263 (0xFFBFD9FF)
YUV	213.5580, 20.4309, -19.7834
Hunter-Lab	82.4149, -4.8550, -17.3630

Details

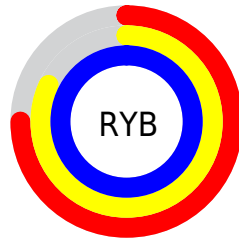
The XYZ color **64.3487, 67.9221, 104.3265** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **78.6632, 81.0595, 60.7920**, and the grayscale version is **63.5018, 66.8088, 72.7548**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **33.2667, 35.1521, 58.4578** is the 20% darker color. If you saturate the color by 10%, you get **54.7607, 57.4510, 102.8107**, and if you desaturate by 10%, it is **75.4149, 79.6900, 106.0147**.

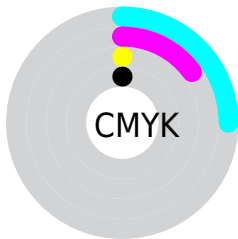
Distribution



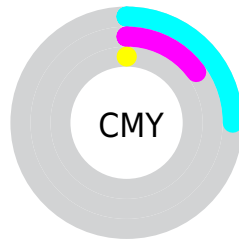
- Red (75%)
- Green (85%)
- Blue (100%)



- Red (75%)
- Yellow (82%)
- Blue (100%)



- Cyan (25%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3487, 67.9221, 104.3265 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 64.3487, 67.9221, 104.3265 by changing the saturation by 10% instead.

■ 64.3487, 67.9221,
104.3265

■ 64.3487, 67.9221,
104.3265

430.0301,
453.2200, 595.3413

■ 47.1959, 49.8344,
79.2817

■ 110.1839,
116.2407, 169.1937

■ 33.3991, 35.2818,
58.6048

139.5970,
147.2403, 209.8533

■ 22.5931, 23.8800,
41.8771

173.8276,
183.3127, 256.5548

■ 14.4124, 15.2447,
28.6802

213.2410,
224.8423, 309.7168

■ 8.4916, 8.9913,
18.5956

258.2026,
272.2134, 369.7580

■ 4.4656, 4.7355,
11.2046

309.0777,

■ 1.9687, 2.0929,

325.8105, 437.0968

6.0887

366.2318,
386.0178, 512.1517

■ 0.6163, 0.6606,
2.8294

■ 0.0000, 0.0000,
1.0082

■ 64.3487, 67.9221,
104.3265

■ 64.3487, 67.9221,
104.3265

■ 54.7607, 57.4510,
102.8107

■ 75.4149, 79.6900,
106.0147

■ 46.5778, 48.2199,
101.4602

■ 88.0165, 92.7929,
107.8796

■ 39.7288, 40.1788,
100.2691

95.0500, 100.0000,
108.9000

■ 34.1336, 33.2710,
99.2306

■ 29.7023, 27.4337,
98.3375

■ 26.3317, 22.5966,
97.5815

■ 23.8962, 18.6767,
96.9532

■ 22.9606, 17.0412,
96.6869

Harmonies

Analogous

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



59.7918, 67.9221, 99.4828



64.3487, 67.9221, 104.3265



69.1902, 67.9221, 100.2155

Triad

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



64.3487, 67.9221, 104.3265



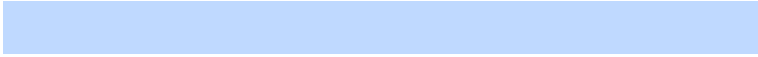
73.1727, 67.9221, 61.7367



56.8395, 67.9221, 60.8202

Complementary

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



64.3487, 67.9221, 104.3265



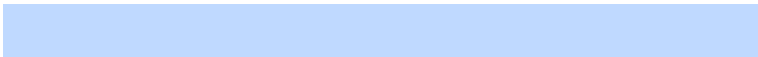
78.6632, 81.0595, 60.7920

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.



60.1371, 67.9221, 52.7375



64.3487, 67.9221, 104.3265



69.5709, 67.9221, 53.2177

Square

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



64.3487, 67.9221, 104.3265



74.4372, 67.9221, 74.5571



64.7676, 67.9221, 50.1376



55.5939, 67.9221, 73.3574

Rectangle

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



64.3487, 67.9221, 104.3265



71.8968, 67.9221, 93.2104



64.7676, 67.9221, 50.1376



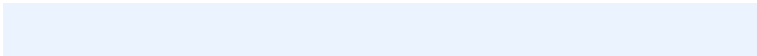
57.7363, 67.9221, 57.5538

Sweetspot

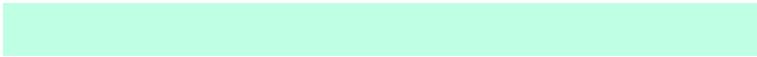
The Sweet Spot groups the original color and five complimentary colors.



64.3506, 67.9247, 104.3269



84.1962, 88.8485, 107.3196



71.2967, 88.2168, 86.9123



17.6089, 18.5895, 22.9100



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.



64.3506, 67.9247, 104.3269



59.4684, 62.6310, 103.5624



59.5339, 56.2638, 102.3300



17.6089, 18.5895, 22.9100



12.1349, 9.1793, 50.5668



1.2855, 1.1017, 4.9582

Inverse Universe

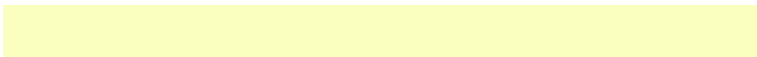
The Inverse Universe completely reimagines the original color for something new.



72.3964, 63.5329, 74.0960



68.8408, 57.9324, 68.2534



84.4694, 95.5442, 63.2818



18.3152, 18.1094, 20.2773



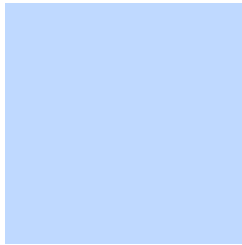
22.9133, 11.6546, 8.1940



2.2835, 1.1558, 1.0742

Previews

White Background



This preview shows how the XYZ color 64.3487, 67.9221, 104.3265 looks on a white background.

Color Contrast Check

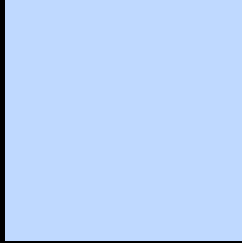
Large Text (above 18pt) WCAG AA × Fail

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 64.3487, 67.9221, 104.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

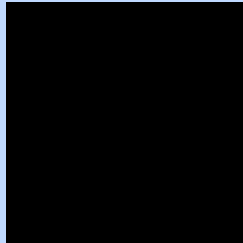
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

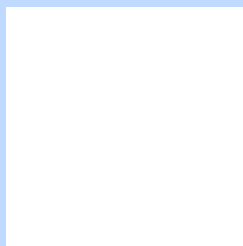
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.3487, 67.9221, 104.3265

Background



This preview shows how black text looks on a background with the XYZ color 64.3487, 67.9221, 104.3265.



This preview shows how white text looks on a background with the XYZ color 64.3487, 67.9221,

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

64.3487, 67.9221, 104.3265

Protanopia

67.0971, 67.8822, 101.6616

Deuteranopia

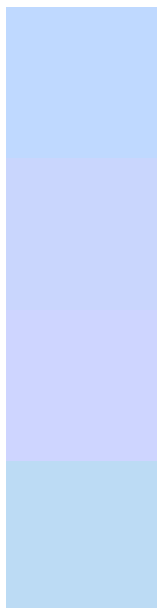
69.1209, 67.7603, 104.0437



Tritanopia

61.5193, 67.9242, 90.7572

Trichromacy



Original Color

64.3487, 67.9221, 104.3265

Protanomaly

65.8636, 67.6025, 102.5057

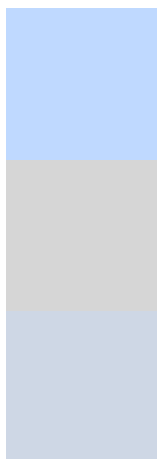
Deuteranomaly

67.2978, 67.9303, 104.1726

Tritanomaly

62.3997, 67.8861, 95.4025

Monochromacy



Original Color

64.3487, 67.9221, 104.3265

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.8969, 67.3798, 83.7666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3487, 67.9221, 104.3265 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(191, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 217, 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(191, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 217, 255) }
```

Border

The CSS property to change the border of an element to XYZ 64.3487, 67.9221, 104.3265 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(191, 217, 255) }
```


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

```
.border{ border-color:rgb(191, 217, 255) }
```

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

Here you see how a box with a 4 pixel rgb(191, 217, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 217,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3487, 67.9221, 104.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 217, 255) }
```

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

```
.background{ background-color: rgb(191,  
217, 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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