

Converting Colors

XYZ(66.7081, 74.4217,
105.4567)

Have a look what the booklet for
XYZ(66.7081, 74.4217, 105.4567)
contains.

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Color

**XYZ(66.5965, 74.2527,
105.4299)**

Conversions

Conversions Part 1

Format	Color
Hex	BAE6FF
RGB	186, 230, 255
RGB Percent	73%, 90%, 100%
CMY	0.2706, 0.0980, 0.0000
CMYK	0.27, 0.10, 0.00, 0.00
HSL	202°, 100%, 86%
HSV	202°, 27%, 100%
XYZ	66.5965, 74.2527, 105.4299
YIQ	219.6940, -34.2490, -1.5530

Conversions

Conversions Part 2

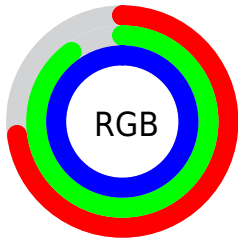
Format	Color
R _Y B	186, 213, 255
Decimal	12248831
CIE Lab	89.04, -8.67, -16.76
CIE LCh	89, 18.868, 242.635
Yxy	74.2527, 0.2704, 0.3015
Android (android.graphics.Color)	4290438911 (0xFFBAE6FF)
YUV	219.6940, 17.4059, -29.5496
Hunter-Lab	86.1700, -12.8438, -12.2229

Details

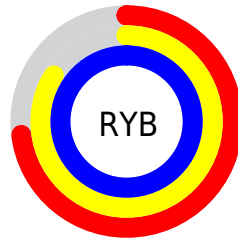
The XYZ color **66.5965, 74.2527, 105.4299** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.3973, 71.3933, 56.3680**, and the grayscale version is **67.7156, 71.2421, 77.5827**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **34.8831, 39.5625, 59.2239** is the 20% darker color. If you saturate the color by 10%, you get **58.4429, 66.3352, 104.3315**, and if you desaturate by 10%, it is **75.9959, 83.0183, 106.6265**.

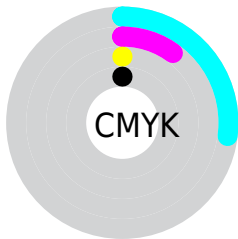
Distribution



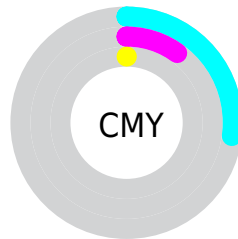
- Red (73%)
- Green (90%)
- Blue (100%)



- Red (73%)
- Yellow (84%)
- Blue (100%)



- Cyan (27%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5965, 74.2527, 105.4299 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 66.5965, 74.2527, 105.4299 by changing the saturation by 10% instead.

66.5965, 74.2527,
105.4299

66.5965, 74.2527,
105.4299

437.9622,
475.3451, 598.8594

49.0263, 55.0009,
80.2009

113.3950,
125.2540, 170.7160

34.8549, 39.4024,
59.3565

143.3541,
157.7722, 211.6102

23.7172, 27.0729,
42.4783

178.1734,
195.4814, 258.5632

15.2475, 17.6280,
29.1476

218.2184,
238.7659, 311.9936

9.0807, 10.6833,
18.9460

263.8544,
288.0101, 372.3199

4.8514, 5.8543,
11.4548

315.4469,

2.1942, 2.7567,

343.5984, 439.9606

6.2556

373.3610,
405.9153, 515.3342

■ 0.7397, 1.0061,
2.9299

■ 0.0000, 0.0000,
1.0589

■ 66.5965, 74.2527,
105.4299

■ 66.5965, 74.2527,
105.4299

■ 58.4429, 66.3352,
104.3315

■ 75.9959, 83.0183,
106.6265

■ 51.4680, 59.2227,
103.3262

■ 86.6914, 92.6556,
107.9229

■ 45.6075, 52.8808,
102.4110

95.0500, 100.0000,
108.9000

■ 40.7880, 47.2682,
101.5816

■ 36.9263, 42.3387,
100.8337

■ 33.9250, 38.0388,
100.1619

■ 31.6602, 34.3011,
99.5598

■ 31.0799, 33.2798,
99.3933

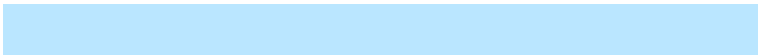
Harmonies

Analogous

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



63.4025, 74.2527, 95.2554



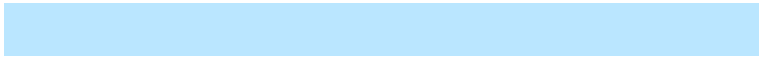
66.5965, 74.2527, 105.4299



70.9813, 74.2527, 108.8087

Triad

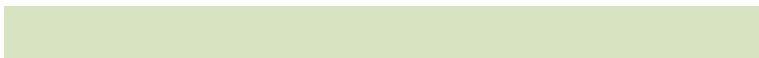
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.5965, 74.2527, 105.4299



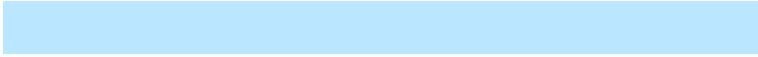
79.7607, 74.2527, 79.6926



65.9230, 74.2527, 61.3814

Complementary

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



66.5965, 74.2527, 105.4299



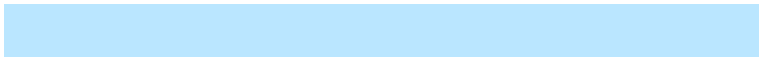
73.3973, 71.3933, 56.3680

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.



70.1702, 74.2527, 58.1424



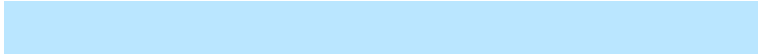
66.5965, 74.2527, 105.4299



78.2689, 74.2527, 67.9729

Square

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



66.5965, 74.2527, 105.4299



78.7043, 74.2527, 93.0288



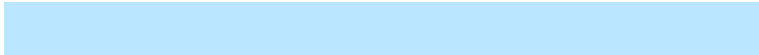
74.7088, 74.2527, 60.4198



63.0256, 74.2527, 69.7808

Rectangle

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



66.5965, 74.2527, 105.4299



74.0253, 74.2527, 106.4855



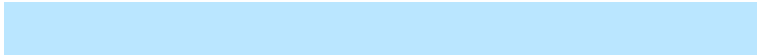
74.7088, 74.2527, 60.4198



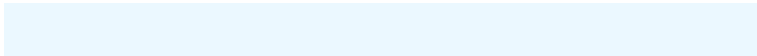
67.2335, 74.2527, 59.6968

Sweetspot

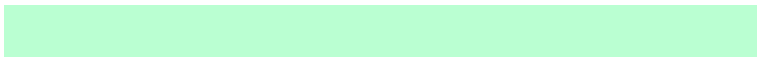
The Sweet Spot groups the original color and five complimentary colors.



66.5985, 74.2556, 105.4304



85.6265, 91.7092, 107.7964



67.6623, 86.6202, 74.2254



17.9690, 19.3097, 23.0300



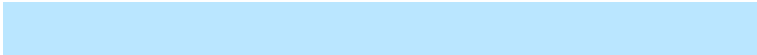
0.0000, 0.0000, 0.0000



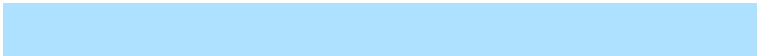
20.3446, 21.4041, 23.3091

Same Dimension

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



66.5985, 74.2556, 105.4304



62.4161, 70.2378, 104.8753



58.1201, 57.2987, 102.6042



17.9690, 19.3097, 23.0300



16.3868, 17.6832, 51.9841



1.6994, 1.9295, 5.0961

Inverse Universe

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



73.0831, 62.0926, 82.9993



69.9109, 56.7610, 78.8195



82.6500, 89.8988, 59.4523



18.4970, 18.1821, 21.2345



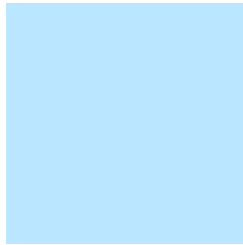
25.0595, 12.5131, 19.4956



2.4924, 1.2393, 2.1743

Previews

White Background



This preview shows how the XYZ color 66.5965, 74.2527, 105.4299 looks on a white background.

Color Contrast Check

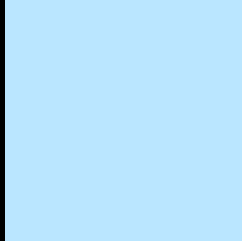
Large Text (above 18pt) WCAG AA × Fail

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 66.5965, 74.2527, 105.4299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

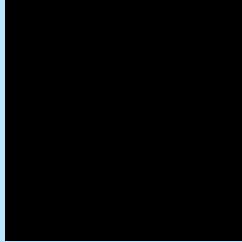
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

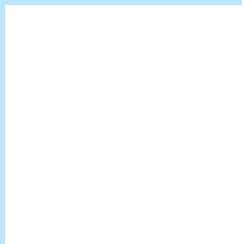
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.5965, 74.2527, 105.4299

Background



This preview shows how black text looks on a background with the XYZ color 66.5965, 74.2527, 105.4299.

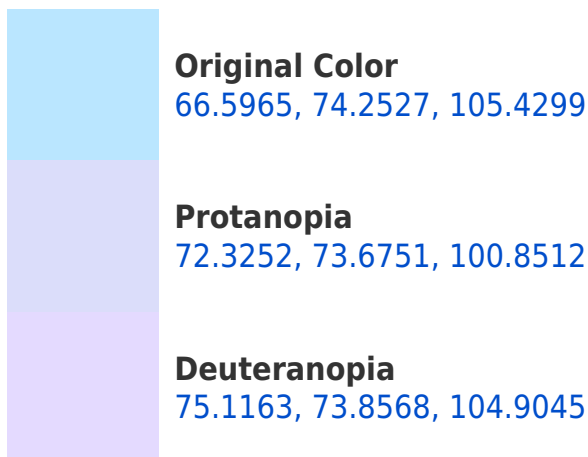


This preview shows how white text looks on a background with the XYZ color 66.5965, 74.2527,

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

65.6824, 74.3057, 100.5031

Trichromacy



Original Color

66.5965, 74.2527, 105.4299

Protanomaly

69.9585, 73.6050, 102.6154

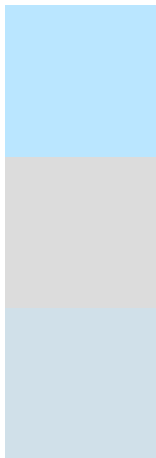
Deuteranomaly

71.6118, 73.6087, 105.0413

Tritanomaly

65.9961, 74.4312, 102.1551

Monochromacy



Original Color

66.5965, 74.2527, 105.4299

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.3761, 72.6044, 87.5537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5965, 74.2527, 105.4299 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, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 230, 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, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 230, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.5965, 74.2527, 105.4299 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, 230, 255) }
```


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

```
.border{ border-color:rgb(186, 230, 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, 230, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 230,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5965, 74.2527, 105.4299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 230, 255) }
```

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

```
.background{ background-color: rgb(186,  
230, 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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