

Converting Colors

XYZ(72.5769, 76.6452,
139.6409)

Have a look what the booklet for
XYZ(72.5769, 76.6452, 139.6409)
contains.

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Color

**XYZ(66.1140, 74.0040,
105.4074)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E6FF
RGB	184, 230, 255
RGB Percent	72%, 90%, 100%
CMY	0.2784, 0.0980, 0.0000
CMYK	0.28, 0.10, 0.00, 0.00
HSL	201°, 100%, 86%
HSV	201°, 28%, 100%
XYZ	66.1140, 74.0040, 105.4074
YIQ	219.0960, -35.4410, -1.9770

Conversions

Conversions Part 2

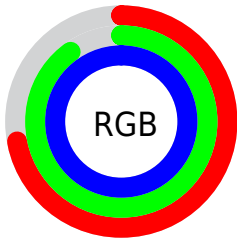
Format	Color
RYB	184, 212, 255
Decimal	12117759
CIELab	88.92, -9.24, -16.94
CIELCh	89, 19.301, 241.391
Yxy	74.0040, 0.2693, 0.3014
Android (android.graphics.Color)	4290307839 (0xFFB8E6FF)
YUV	219.0960, 17.7007, -30.7792
Hunter-Lab	86.0256, -13.3606, -12.4303

Details

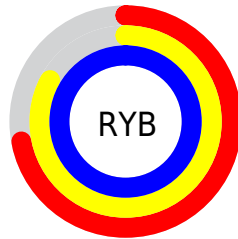
The XYZ color **66.1140, 74.0040, 105.4074** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.6923, 70.3212, 55.0913**, and the grayscale version is **67.2990, 70.8037, 77.1053**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **34.5763, 39.4043, 59.2095** is the 20% darker color. If you saturate the color by 10%, you get **58.1133, 66.2673, 104.3357**, and if you desaturate by 10%, it is **75.3484, 82.5714, 106.5743**.

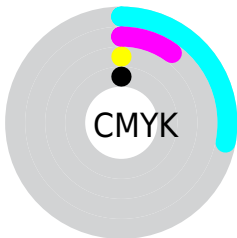
Distribution



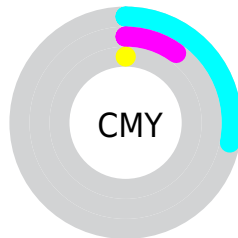
- Red (72%)
- Green (90%)
- Blue (100%)



- Red (72%)
- Yellow (83%)
- Blue (100%)



- Cyan (28%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1140, 74.0040, 105.4074 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 66.1140, 74.0040, 105.4074 by changing the saturation by 10% instead.

66.1140, 74.0040,
105.4074

66.1140, 74.0040,
105.4074

436.2667,
474.4872, 598.7878

48.6330, 54.7973,
80.1821

112.7068,
124.9015, 170.6850

34.5418, 39.2395,
59.3412

142.5492,
157.3611, 211.5744

23.4750, 26.9461,
42.4660

177.2429,
195.0071, 258.5223

15.0672, 17.5327,
29.1381

217.1531,
238.2239, 311.9472

8.9532, 10.6150,
18.9388

262.6453,
287.3959, 372.2677

4.7675, 5.8086,
11.4497

314.0847,

2.1449, 2.7291,

342.9075, 439.9022

6.2522

371.8367,
405.1432, 515.2694

■ 0.7134, 0.9920,
2.9278

■ 0.0000, 0.0000,
1.0579

■ 66.1140, 74.0040,
105.4074

■ 66.1140, 74.0040,
105.4074

■ 58.1133, 66.2673,
104.3357

■ 75.3484, 82.5714,
106.5743

■ 51.2791, 59.3183,
103.3546

■ 85.8671, 91.9928,
107.8385

■ 45.5469, 53.1227,
102.4609

95.0500, 100.0000,
108.9000

■ 40.8426, 47.6393,
101.6504

■ 37.0824, 42.8218,
100.9187

■ 34.1676, 38.6163,
100.2606

■ 31.9670, 34.9518,
99.6693

■ 31.5454, 34.2108,
99.5485

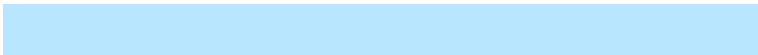
Harmonies

Analogous

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



62.9278, 74.0040, 94.7725



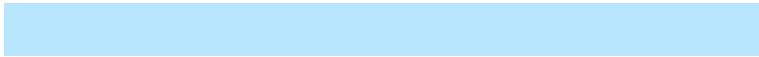
66.1140, 74.0040, 105.4074



70.5575, 74.0040, 109.2095

Triad

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



66.1140, 74.0040, 105.4074



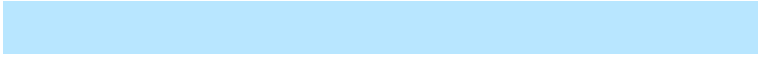
79.7311, 74.0040, 79.9531



65.7512, 74.0040, 60.5058

Complementary

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



66.1140, 74.0040, 105.4074



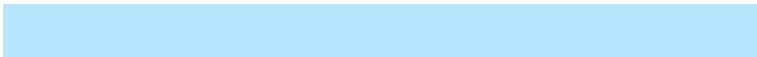
72.6923, 70.3212, 55.0913

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.



70.1201, 74.0040, 57.4464



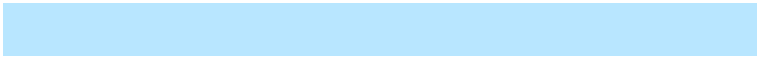
66.1140, 74.0040, 105.4074



78.3095, 74.0040, 67.8763

Square

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



66.1140, 74.0040, 105.4074



78.5446, 74.0040, 93.5690



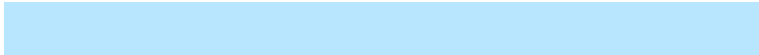
74.7394, 74.0040, 59.9899



62.7250, 74.0040, 68.8484

Rectangle

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



66.1140, 74.0040, 105.4074



73.6747, 74.0040, 107.0571



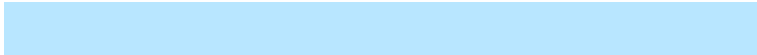
74.7394, 74.0040, 59.9899



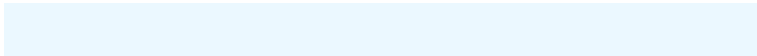
67.1048, 74.0040, 58.8698

Sweetspot

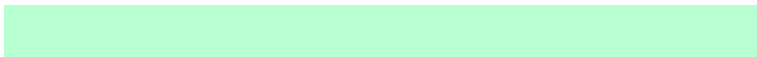
The Sweet Spot groups the original color and five complimentary colors.



66.1160, 74.0069, 105.4078



85.6904, 91.8370, 107.8177



67.0183, 86.3069, 73.3523



17.9852, 19.3420, 23.0354



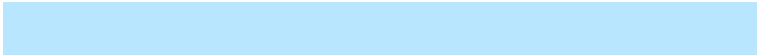
0.0000, 0.0000, 0.0000



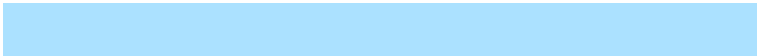
20.3446, 21.4041, 23.3091

Same Dimension

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



66.1160, 74.0069, 105.4078



61.8383, 69.9137, 104.8432



57.2554, 56.2856, 102.4543



17.9852, 19.3420, 23.0354



16.6288, 18.1672, 52.0648



1.7219, 1.9744, 5.1036

Inverse Universe

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



72.6647, 61.2558, 82.8599



69.4162, 55.7858, 78.6108



82.3483, 89.6333, 58.3100



18.5052, 18.1854, 21.2774



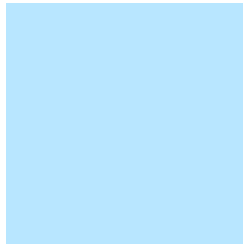
25.1816, 12.5620, 20.1388



2.5037, 1.2439, 2.2340

Previews

White Background



This preview shows how the XYZ color 66.1140, 74.0040, 105.4074 looks on a white background.

Color Contrast Check

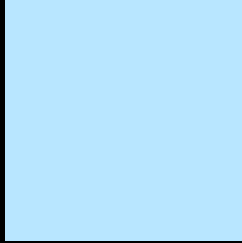
Large Text (above 18pt) WCAG AA × Fail

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 66.1140, 74.0040, 105.4074 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 66.1140, 74.0040, 105.4074

Background



This preview shows how black text looks on a background with the XYZ color 66.1140, 74.0040, 105.4074.



This preview shows how white text looks on a background with the XYZ color 66.1140, 74.0040,

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

66.1140, 74.0040, 105.4074

Protanopia

72.1688, 73.6125, 100.0275

Deuteranopia

74.8000, 73.6937, 104.8897



Tritanopia

65.2032, 74.0587, 100.4807

Trichromacy



Original Color

66.1140, 74.0040, 105.4074

Protanomaly

69.5218, 73.3982, 101.7699

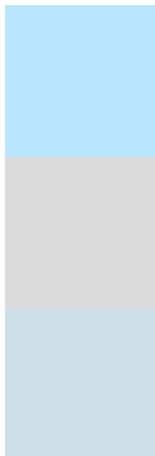
Deuteranomaly

71.0352, 73.3114, 105.0143

Tritanomaly

65.5169, 74.1841, 102.1326

Monochromacy



Original Color

66.1140, 74.0040, 105.4074

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.4068, 71.7234, 86.6879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1140, 74.0040, 105.4074 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(184, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 230, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.1140, 74.0040, 105.4074 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(184, 230, 255) }
```


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

```
.border{ border-color:rgb(184, 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(184, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 230,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1140, 74.0040, 105.4074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 230, 255) }
```

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

```
.background{ background-color: rgb(184,  
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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