

Converting Colors

XYZ(65.1248, 71.4742,
104.1079)

Have a look what the booklet for
XYZ(65.1248, 71.4742, 104.1079)
contains.

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Color

**XYZ(65.0643, 71.4453,
104.1270)**

Conversions

Conversions Part 1

Format	Color
Hex	BAE1FE
RGB	186, 225, 254
RGB Percent	73%, 88%, 100%
CMY	0.2706, 0.1176, 0.0039
CMYK	0.27, 0.11, 0.00, 0.00
HSL	206°, 97%, 86%
HSV	206°, 27%, 100%
XYZ	65.0643, 71.4453, 104.1270
YIQ	216.6450, -32.5530, 0.7510

Conversions

Conversions Part 2

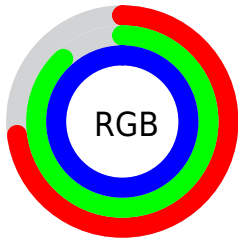
Format	Color
R _Y B	186, 211, 254
Decimal	12247550
CIE Lab	87.70, -6.33, -18.25
CIE LCh	88, 19.315, 250.883
Yxy	71.4453, 0.2704, 0.2969
Android (android.graphics.Color)	4290437630 (0xFFBAE1FE)
YUV	216.6450, 18.4160, -26.8757
Hunter-Lab	84.5253, -10.5170, -13.8718

Details

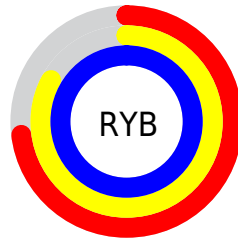
The XYZ color **65.0643, 71.4453, 104.1270** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.0373, 73.2174, 56.6863**, and the grayscale version is **65.6062, 69.0228, 75.1658**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **33.8128, 37.6060, 58.2999** is the 20% darker color. If you saturate the color by 10%, you get **56.5980, 62.8724, 102.9197**, and if you desaturate by 10%, it is **74.8175, 80.9609, 105.4508**.

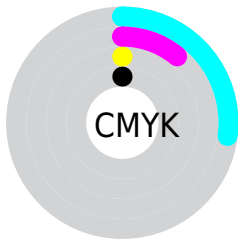
Distribution



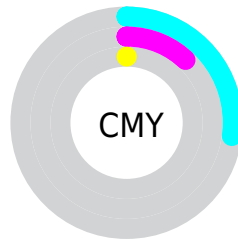
- Red (73%)
- Green (88%)
- Blue (100%)



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



- Cyan (27%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0643, 71.4453, 104.1270 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 65.0643, 71.4453, 104.1270 by changing the saturation by 10% instead.

■ 65.0643, 71.4453,
104.1270

■ 65.0643, 71.4453,
104.1270

432.5646,
465.6086, 594.7040

■ 47.7781, 52.7057,
79.1156

■ 111.2075,
121.2676, 168.9183

■ 33.8617, 37.5679,
58.4690

140.7952,
153.1190, 209.5353

■ 22.9498, 25.6475,
41.7686

175.2141,
190.1098, 256.1913

■ 14.6769, 16.5601,
28.5959

214.8297,
232.6244, 309.3047

■ 8.6778, 9.9214,
18.5324

260.0071,
281.0472, 369.2941

■ 4.5870, 5.3468,
11.1595

311.1118,

■ 2.0393, 2.4522,

335.7626, 436.5781

6.0587

368.5092,
397.1549, 511.5753

■ 0.6559, 0.8525,
2.8115

■ 0.0000, 0.0000,
0.9992

■ 65.0643, 71.4453,
104.1270

■ 65.0643, 71.4453,
104.1270

■ 56.5980, 62.8724,
102.9197

■ 74.8175, 80.9609,
105.4508

■ 49.3506, 55.1968,
101.8201

■ 85.9083, 91.4449,
106.8899

■ 43.2573, 48.3817,
100.8258

94.8896, 99.9358,
108.0555

■ 38.2440, 42.3835,
99.9323

■ 34.2273, 37.1536,
99.1345

■ 31.1097, 32.6360,
98.4269

■ 28.7688, 28.7618,
97.8024

■ 28.1201, 27.6169,
97.6156

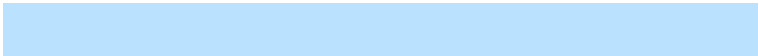
Harmonies

Analogous

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



61.4662, 71.4453, 95.4874



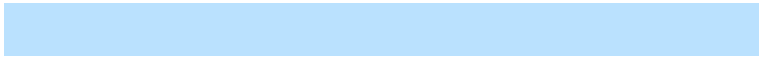
65.0643, 71.4453, 104.1270



69.5823, 71.4453, 105.2690

Triad

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



65.0643, 71.4453, 104.1270



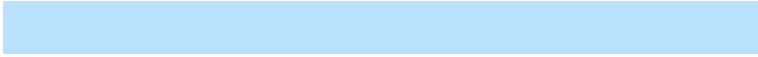
76.9234, 71.4453, 73.1280



62.3062, 71.4453, 60.2454

Complementary

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



65.0643, 71.4453, 104.1270



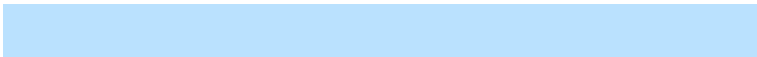
74.0373, 73.2174, 56.6863

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.



66.2580, 71.4453, 55.5675



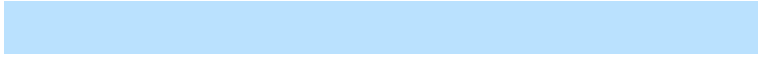
65.0643, 71.4453, 104.1270



74.7819, 71.4453, 62.4297

Square

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



65.0643, 71.4453, 104.1270



76.5685, 71.4453, 86.3438



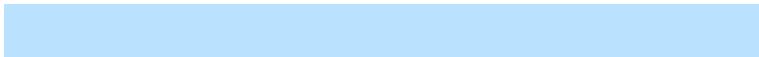
70.8305, 71.4453, 56.3195



59.9240, 71.4453, 69.8240

Rectangle

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



65.0643, 71.4453, 104.1270



72.5261, 71.4453, 101.4964



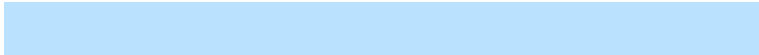
70.8305, 71.4453, 56.3195



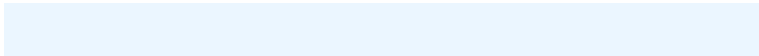
63.4875, 71.4453, 58.0991

Sweetspot

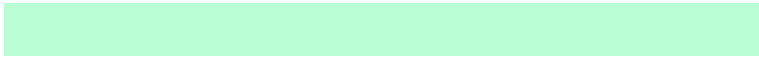
The Sweet Spot groups the original color and five complimentary colors.



65.0665, 71.4482, 104.1286



85.2263, 90.9088, 107.6630



67.8733, 86.1962, 76.9036



17.8681, 19.1078, 22.9964



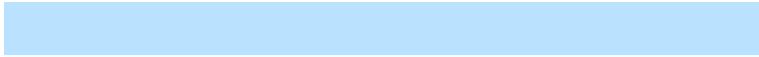
0.0000, 0.0000, 0.0000



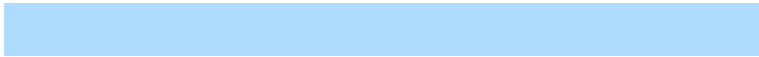
20.3446, 21.4041, 23.3091

Same Dimension

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



65.0665, 71.4482, 104.1286



61.0186, 67.4428, 104.4095



56.9173, 55.1497, 101.4122



17.8681, 19.1078, 22.9964



14.9745, 14.8585, 51.5133



1.5664, 1.6635, 5.0518

Inverse Universe

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



72.0244, 61.6267, 79.3364



69.2055, 56.4788, 75.1050



83.4073, 91.9573, 59.8096



18.4461, 18.1617, 20.9662



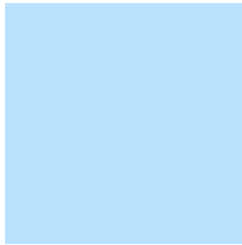
24.3466, 12.2279, 15.7416



2.4253, 1.2125, 1.8208

Previews

White Background



This preview shows how the XYZ color 65.0643, 71.4453, 104.1270 looks on a white background.

Color Contrast Check

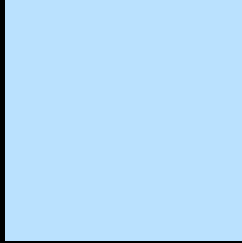
Large Text (above 18pt) WCAG AA × Fail

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 65.0643, 71.4453, 104.1270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

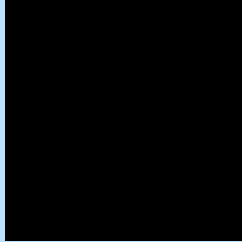
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

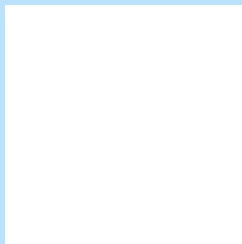
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.0643, 71.4453, 104.1270

Background



This preview shows how black text looks on a background with the XYZ color 65.0643, 71.4453, 104.1270.

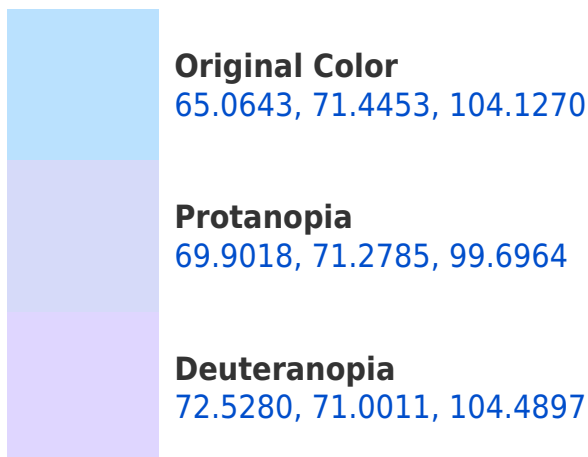


This preview shows how white text looks on a background with the XYZ color 65.0643, 71.4453,

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

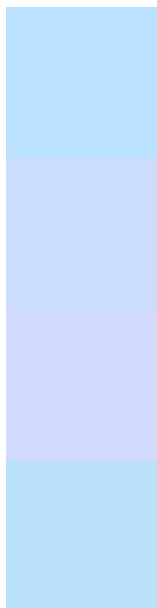




Tritanopia

63.7177, 71.7211, 96.8715

Trichromacy



Original Color

65.0643, 71.4453, 104.1270

Protanomaly

68.1709, 71.5153, 101.4776

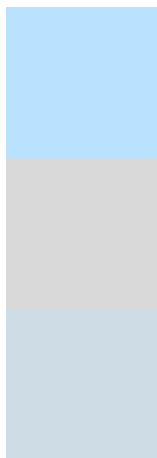
Deuteranomaly

69.6997, 71.0644, 104.6510

Tritanomaly

64.1472, 71.4843, 99.2239

Monochromacy



Original Color

65.0643, 71.4453, 104.1270

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.3297, 70.0214, 84.9351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0643, 71.4453, 104.1270 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, 225, 254)` looks like.

```
.text, #text, p{  
    color:rgb(186, 225, 254)  
}
```

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, 225, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 225, 254) }
```

Border

The CSS property to change the border of an element to XYZ 65.0643, 71.4453, 104.1270 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, 225, 254) }
```


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

```
.border{ border-color:rgb(186, 225, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 225, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 225, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 225, 254);  
box-shadow:4px 4px 4px 4px rgb(186, 225,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0643, 71.4453, 104.1270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 225, 254) }
```

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

```
.background{ background-color: rgb(186,  
225, 254) }
```

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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