

Converting Colors

XYZ(64.5890, 74.7640, 97.1774)

Have a look what the booklet for
XYZ(64.5890, 74.7640, 97.1774)
contains.

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Color

**XYZ(64.6764, 74.6942,
97.3948)**

Conversions

Conversions Part 1

Format	Color
Hex	B5E9F5
RGB	181, 233, 245
RGB Percent	71%, 91%, 96%
CMY	0.2902, 0.0863, 0.0392
CMYK	0.26, 0.05, 0.00, 0.04
HSL	191°, 76%, 84%
HSV	191°, 26%, 96%
XYZ	64.6764, 74.6942, 97.3948
YIQ	218.8200, -34.8440, -7.2920

Conversions

Conversions Part 2

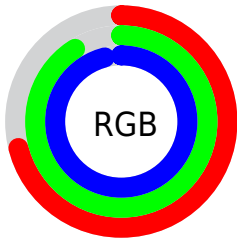
Format	Color
R _Y B	181, 210, 245
Decimal	11921909
CIE Lab	89.25, -13.88, -11.24
CIE LCh	89, 17.858, 219.000
Yxy	74.6942, 0.2732, 0.3155
Android (android.graphics.Color)	4290111989 (0xFFB5E9F5)
YUV	218.8200, 12.9067, -33.1681
Hunter-Lab	86.4258, -17.6654, -6.3169

Details

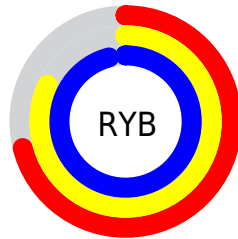
The XYZ color **64.6764, 74.6942, 97.3948** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.0674, 60.8889, 52.0410**, and the grayscale version is **67.1397, 70.6362, 76.9228**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **33.5116, 39.5540, 54.0126** is the 20% darker color. If you saturate the color by 10%, you get **58.1463, 69.4246, 96.7231**, and if you desaturate by 10%, it is **72.2549, 80.5583, 98.1285**.

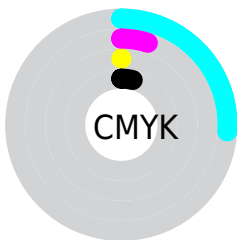
Distribution



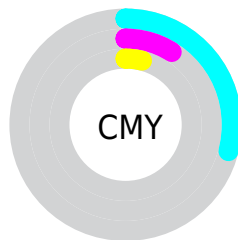
- Red (71%)
- Green (91%)
- Blue (96%)



- Red (71%)
- Yellow (82%)
- Blue (96%)



- Cyan (26%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (29%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6764, 74.6942, 97.3948 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 64.6764, 74.6942, 97.3948 by changing the saturation by 10% instead.

64.6764, 74.6942,
97.3948

64.6764, 74.6942,
97.3948

431.1918,
476.8658, 572.9826

47.4625, 55.3624,
73.5219

110.6528,
125.8794, 159.5929

33.6109, 39.6920,
53.9084

140.1460,
158.5016, 198.7552

22.7563, 27.2984,
38.1358

174.4629,
196.3227, 243.8511

14.5334, 17.7975,
25.7854

213.9690,
239.7271, 295.2990

8.5767, 10.8047,
16.4389

259.0296,
289.0992, 353.5176

4.5210, 5.9357,
9.6775

310.0100,

2.0009, 2.8060,

344.8235, 418.9254

5.0829

367.2756,
407.2842, 491.9409

0.6345, 1.0313,
2.2364

0.0000, 0.0000,
0.6952

64.6764, 74.6942,
97.3948

64.6764, 74.6942,
97.3948

58.1463, 69.4246,
96.7231

72.2549, 80.5583,
98.1285

52.6049, 64.7126,
96.1056

80.9245, 87.0336,
98.9214

47.9963, 60.5310,
95.5414

90.7336, 94.1473,
99.7775

44.2564, 56.8463,
95.0273

92.3362, 97.0818,
100.2595

■ 41.3127, 53.6208,
94.5599

■ 93.4817, 99.3727,
100.6413

■ 39.0802, 50.8103,
94.1350

■ 37.4536, 48.3600,
93.7478

■ 36.9222, 47.4738,
93.6048

Harmonies

Analogous

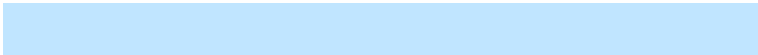
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.0317, 74.6942, 85.1435



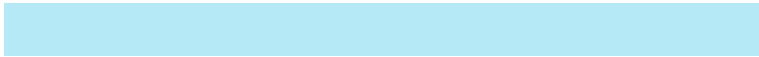
64.6764, 74.6942, 97.3948



68.0323, 74.6942, 105.8677

Triad

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



64.6764, 74.6942, 97.3948



79.1127, 74.6942, 90.2410



69.6911, 74.6942, 59.8446

Complementary

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



64.6764, 74.6942, 97.3948



65.0674, 60.8889, 52.0410

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.



74.0417, 74.6942, 60.9097



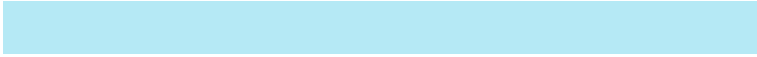
64.6764, 74.6942, 97.3948



79.6013, 74.6942, 77.6308

Square

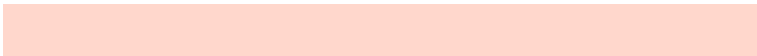
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.6764, 74.6942, 97.3948



76.4025, 74.6942, 101.4526



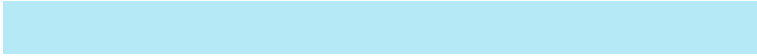
77.7114, 74.6942, 67.1354



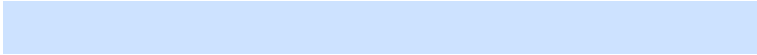
65.8481, 74.6942, 64.0601

Rectangle

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



64.6764, 74.6942, 97.3948



70.8484, 74.6942, 107.7760



77.7114, 74.6942, 67.1354



71.1410, 74.6942, 59.6069

Sweetspot

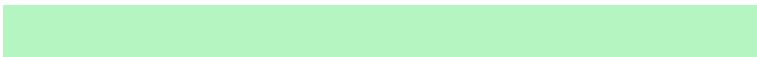
The Sweet Spot groups the original color and five complimentary colors.



64.6786, 74.6972, 97.3965



86.7312, 93.9185, 108.1646



61.3058, 78.9683, 62.3091



18.2484, 19.8684, 23.1231



0.0000, 0.0000, 0.0000



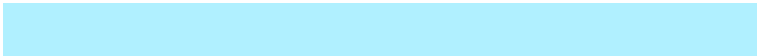
20.3446, 21.4041, 23.3091

Same Dimension

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



64.6786, 74.6972, 97.3965



67.1568, 78.8714, 106.2919



56.4879, 58.3157, 94.6662



16.7172, 18.1987, 21.1742



19.9866, 25.7670, 50.4581



1.8233, 2.3980, 4.4570

Inverse Universe

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



68.8898, 58.3452, 84.7251



72.5107, 58.5931, 90.0675



72.8512, 76.4565, 54.6355



17.0726, 16.7119, 20.1288



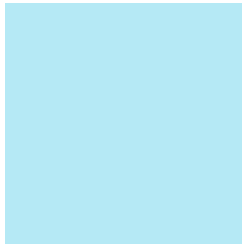
25.8928, 12.7006, 30.4736



2.3094, 1.1297, 2.8555

Previews

White Background



This preview shows how the XYZ color 64.6764, 74.6942, 97.3948 looks on a white background.

Color Contrast Check

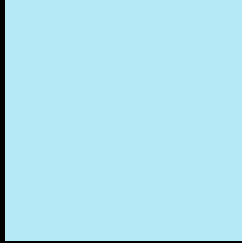
Large Text (above 18pt) WCAG AA × Fail

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 64.6764, 74.6942, 97.3948 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 64.6764, 74.6942, 97.3948

Background



This preview shows how black text looks on a background with the XYZ color 64.6764, 74.6942, 97.3948.

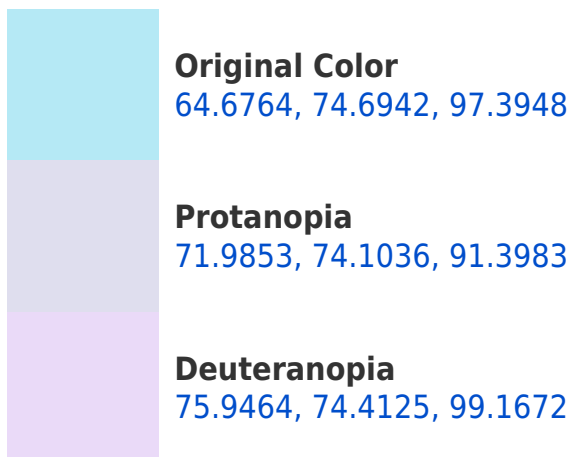


This preview shows how white text looks on a background with the XYZ color 64.6764, 74.6942,

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

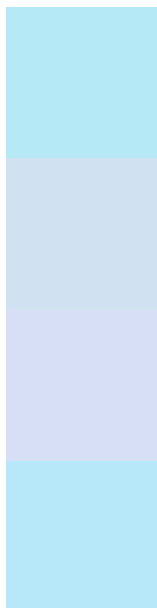




Tritanopia

65.5606, 74.6233, 102.2151

Trichromacy



Original Color

64.6764, 74.6942, 97.3948

Protanomaly

69.0860, 74.1535, 93.8909

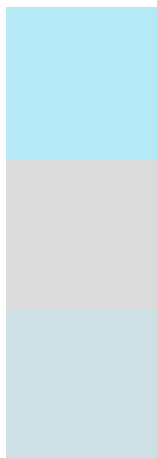
Deuteranomaly

71.2005, 73.9378, 98.5144

Tritanomaly

65.2469, 74.4979, 100.5632

Monochromacy



Original Color

64.6764, 74.6942, 97.3948

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

65.8361, 71.8919, 83.8054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6764, 74.6942, 97.3948 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(181, 233, 245)` looks like.

```
.text, #text, p{  
    color:rgb(181, 233, 245)  
}
```

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(181, 233, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 233, 245) }
```

Border

The CSS property to change the border of an element to XYZ 64.6764, 74.6942, 97.3948 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(181, 233, 245) }
```


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

```
.border{ border-color:rgb(181, 233, 245) }
```

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

Here you see how a box with a 4 pixel rgb(181, 233, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 233, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 233, 245);  
box-shadow:4px 4px 4px 4px rgb(181, 233,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6764, 74.6942, 97.3948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 233, 245) }
```

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

```
.background{ background-color: rgb(181,  
233, 245) }
```

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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