

Converting Colors

XYZ(64.7909, 74.2558, 96.0314)

Have a look what the booklet for
XYZ(64.7909, 74.2558, 96.0314)
contains.

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Color

**XYZ(64.8014, 74.3746,
95.7344)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E8F3
RGB	184, 232, 243
RGB Percent	72%, 91%, 95%
CMY	0.2784, 0.0902, 0.0471
CMYK	0.24, 0.05, 0.00, 0.05
HSL	191°, 71%, 84%
HSV	191°, 24%, 95%
XYZ	64.8014, 74.3746, 95.7344
YIQ	218.9020, -32.1390, -6.7550

Conversions

Conversions Part 2

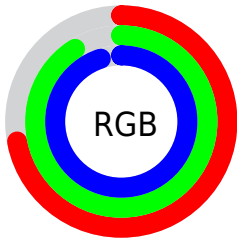
Format	Color
R_{YB}	184, 210, 243
Decimal	12118259
CIE _{Lab}	89.10, -12.95, -10.40
CIE _{LCh}	89, 16.604, 218.763
Yxy	74.3746, 0.2759, 0.3166
Android (android.graphics.Color)	4290308339 (0xFFB8E8F3)
YUV	218.9020, 11.8803, -30.6091
Hunter-Lab	86.2407, -16.7961, -5.4484

Details

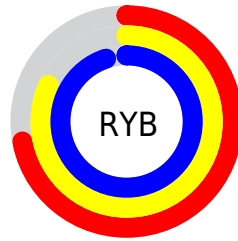
The XYZ color **64.8014, 74.3746, 95.7344** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.1298, 61.5459, 53.7957**, and the grayscale version is **67.2020, 70.7017, 76.9942**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **33.7009, 39.3844, 52.8394** is the 20% darker color. If you saturate the color by 10%, you get **58.2149, 69.1125, 95.0671**, and if you desaturate by 10%, it is **72.4250, 80.2238, 96.4628**.

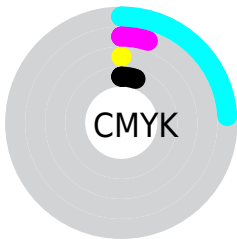
Distribution



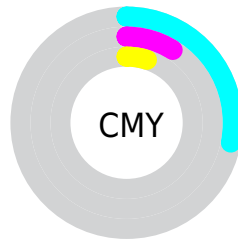
- Red (72%)
- Green (91%)
- Blue (95%)



- Red (72%)
- Yellow (82%)
- Blue (95%)



- Cyan (24%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (28%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.8014, 74.3746, 95.7344 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 64.8014, 74.3746, 95.7344 by changing the saturation by 10% instead.

64.8014, 74.3746,
95.7344

64.8014, 74.3746,
95.7344

431.6344,
475.7652, 567.5577

47.5642, 55.1007,
72.1461

110.8316,
125.4267, 157.2831

33.6917, 39.4823,
52.7905

140.3552,
157.9737, 196.0806

22.8186, 27.1352,
37.2490

174.7051,
195.7138, 240.7849

14.5796, 17.6748,
25.1030

214.2465,
239.0314, 291.8146

8.6093, 10.7167,
15.9341

259.3447,
288.3110, 349.5882

4.5423, 5.8767,
9.3237

310.3652,

2.0132, 2.7702,

343.9369, 414.5242

4.8532

367.6734,
406.2935, 487.0412

■ 0.6414, 1.0130,
2.1042

■ 0.0000, 0.0000,
0.6182

■ 64.8014, 74.3746,
95.7344

■ 64.8014, 74.3746,
95.7344

■ 58.2149, 69.1125,
95.0671

■ 72.4250, 80.2238,
96.4628

■ 52.6076, 64.4018,
94.4534

■ 81.1268, 86.6762,
97.2496

■ 47.9258, 60.2163,
93.8922

■ 90.2499, 93.3952,
98.0657

■ 44.1079, 56.5237,
93.3807

■ 91.6415, 96.1784,
98.5295

■ 41.0844, 53.2881,
92.9155

■ 93.0669, 99.0291,
99.0047

■ 38.7749, 50.4674,
92.4928

■ 93.1779, 99.2512,
99.0417

■ 37.0810, 48.0107,
92.1079

■ 36.3051, 46.7256,
91.9008

Harmonies

Analogous

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



63.2834, 74.3746, 84.4205



64.8014, 74.3746, 95.7344



67.9125, 74.3746, 103.5539

Triad

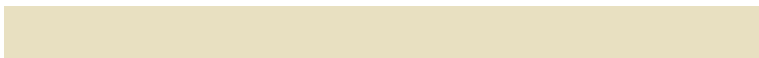
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.8014, 74.3746, 95.7344



78.1864, 74.3746, 89.3155



69.5132, 74.3746, 60.9119

Complementary

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



64.8014, 74.3746, 95.7344



65.1298, 61.5459, 53.7957

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.



73.5440, 74.3746, 61.9532



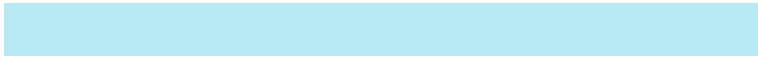
64.8014, 74.3746, 95.7344



78.6549, 74.3746, 77.6368

Square

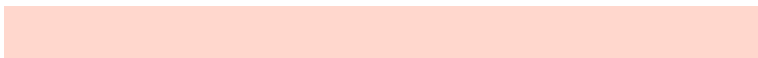
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.8014, 74.3746, 95.7344



75.6702, 74.3746, 99.6093



76.9267, 74.3746, 67.8275



65.9349, 74.3746, 64.8338

Rectangle

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



64.8014, 74.3746, 95.7344



70.5232, 74.3746, 105.3390



76.9267, 74.3746, 67.8275



70.8587, 74.3746, 60.7015

Sweetspot

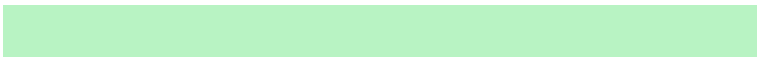
The Sweet Spot groups the original color and five complimentary colors.



64.8036, 74.3776, 95.7361



87.7329, 94.6659, 108.2561



61.6488, 78.2248, 63.3723



18.6496, 20.1674, 23.1597



0.0000, 0.0000, 0.0000



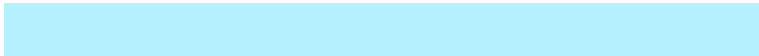
20.3446, 21.4041, 23.3091

Same Dimension

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



64.8036, 74.3776, 95.7361



68.6371, 80.0884, 106.4488



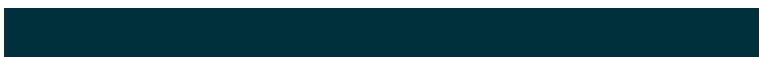
57.2275, 59.2254, 93.2107



16.7188, 18.2018, 21.1747



20.0185, 25.8307, 50.4688



1.8258, 2.4031, 4.4578

Inverse Universe

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



68.6699, 59.1635, 84.1477



73.6835, 60.6919, 91.2196



72.3561, 75.9985, 56.2045



17.0734, 16.7122, 20.1330



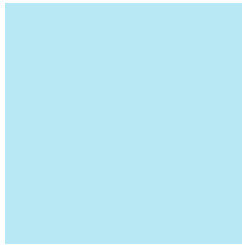
25.9089, 12.7070, 30.5584



2.3107, 1.1302, 2.8623

Previews

White Background



This preview shows how the XYZ color 64.8014, 74.3746, 95.7344 looks on a white background.

Color Contrast Check

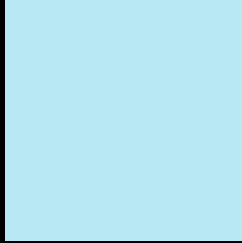
Large Text (above 18pt) WCAG AA × Fail

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 64.8014, 74.3746, 95.7344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

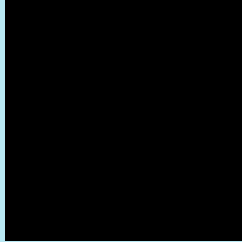
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.8014, 74.3746, 95.7344

Background



This preview shows how black text looks on a background with the XYZ color 64.8014, 74.3746, 95.7344.

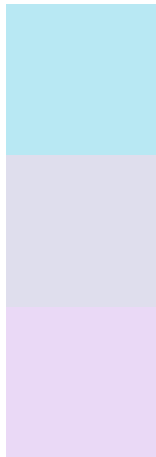


This preview shows how white text looks on a background with the XYZ color 64.8014, 74.3746,

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

64.8014, 74.3746, 95.7344

Protanopia

71.8388, 74.0450, 90.6266

Deuteranopia

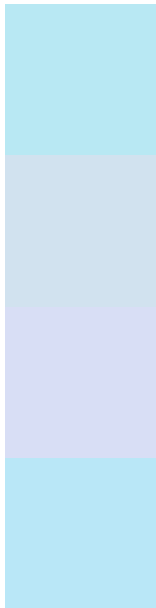
75.3791, 73.7720, 97.4553



Tritanopia

65.6824, 74.3057, 100.5031

Trichromacy



Original Color

64.8014, 74.3746, 95.7344

Protanomaly

69.0708, 74.1800, 92.3391

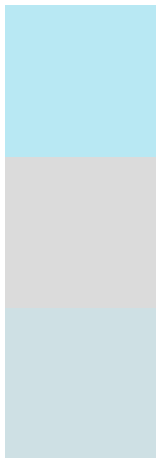
Deuteranomaly

70.9216, 73.4341, 96.8224

Tritanomaly

65.3720, 74.1815, 98.8687

Monochromacy



Original Color

64.8014, 74.3746, 95.7344

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.1128, 72.0346, 83.8183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8014, 74.3746, 95.7344 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, 232, 243)` looks like.

```
.text, #text, p{  
    color:rgb(184, 232, 243)  
}
```

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, 232, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 232, 243) }
```

Border

The CSS property to change the border of an element to XYZ 64.8014, 74.3746, 95.7344 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, 232, 243) }
```


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

```
.border{ border-color:rgb(184, 232, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 232, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 232, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 232, 243);  
box-shadow:4px 4px 4px 4px rgb(184, 232,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8014, 74.3746, 95.7344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 232, 243) }
```

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

```
.background{ background-color: rgb(184,  
232, 243) }
```

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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