

Converting Colors

XYZ(65.0247, 71.3953, 94.5549)

Have a look what the booklet for
XYZ(65.0247, 71.3953, 94.5549)
contains.

XYZ(64.9308, 71.1914, 94.3235)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(64.9308, 71.1914,
94.3235)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E0F2
RGB	194, 224, 242
RGB Percent	76%, 88%, 95%
CMY	0.2392, 0.1216, 0.0510
CMYK	0.20, 0.07, 0.00, 0.05
HSL	202°, 65%, 85%
HSV	202°, 20%, 95%
XYZ	64.9308, 71.1914, 94.3235
YIQ	217.0820, -23.6580, -0.7620

Conversions

Conversions Part 2

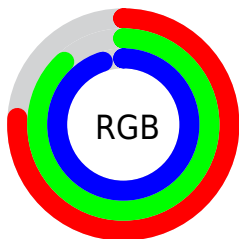
Format	Color
R _Y B	194, 212, 242
Decimal	12771570
CIE Lab	87.58, -6.10, -12.07
CIE LCh	88, 13.525, 243.206
Yxy	71.1914, 0.2818, 0.3089
Android (android.graphics.Color)	4290961650 (0xFFC2E0F2)
YUV	217.0820, 12.2846, -20.2429
Hunter-Lab	84.3750, -10.2915, -7.2183

Details

The XYZ color **64.9308, 71.1914, 94.3235** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.8998, 69.8595, 60.8406**, and the grayscale version is **65.9413, 69.3754, 75.5498**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **33.8661, 37.4966, 51.9070** is the 20% darker color. If you saturate the color by 10%, you get **56.8449, 63.5006, 93.2663**, and if you desaturate by 10%, it is **74.1625, 79.6698, 95.4746**.

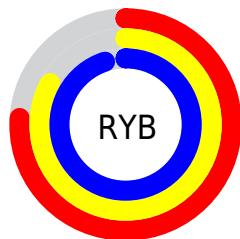
Distribution



Red (76%)

Green (88%)

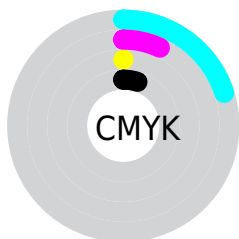
Blue (95%)



Red (76%)

Yellow (83%)

Blue (95%)

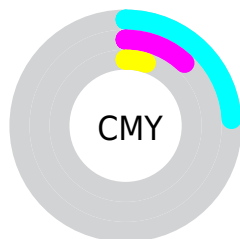


Cyan (20%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (24%)

Magenta (12%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9308, 71.1914, 94.3235 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 64.9308, 71.1914, 94.3235 by changing the saturation by 10% instead.

■ 64.9308, 71.1914,
94.3235

■ 64.9308, 71.1914,
94.3235

432.0924,
464.7222, 562.9259

■ 47.6695, 52.4984,
70.9783

■ 111.0166,
120.9062, 155.3172

■ 33.7754, 37.4025,
51.8427

140.5718,
152.6968, 193.8027

■ 22.8832, 25.5193,
36.4984

174.9557,
189.6221, 238.1721

■ 14.6275, 16.4644,
24.5266

214.5336,
232.0664, 288.8439

■ 8.6430, 9.8533,
15.5089

259.6708,
280.4142, 346.2367

■ 4.5643, 5.3018,
9.0268

310.7328,

■ 2.0261, 2.4254,

335.0499, 410.7689

4.6616

368.0849,
396.3577, 482.8591

■ 0.6485, 0.8389,
1.9949

■ 0.0000, 0.0000,
0.5521

■ 64.9308, 71.1914,
94.3235

■ 64.9308, 71.1914,
94.3235

■ 56.8449, 63.5006,
93.2663

■ 74.1625, 79.6698,
95.4746

■ 49.8476, 56.5593,
92.2953

■ 84.5811, 88.9543,
96.7176

■ 43.8859, 50.3391,
91.4089

■ 91.8350, 96.8064,
97.8508

■ 38.8998, 44.8058,
90.6037

■ 93.0272, 99.1909,
98.2483

■ 34.8222, 39.9218,
89.8759

■ 31.5771, 35.6444,
89.2213

■ 29.0740, 31.9237,
88.6351

■ 27.1657, 28.6803,
88.1096

■ 27.1364, 28.6291,
88.1013

Harmonies

Analogous

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



62.6491, 71.1914, 87.5664



64.9308, 71.1914, 94.3235



68.0098, 71.1914, 96.4633

Triad

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



64.9308, 71.1914, 94.3235



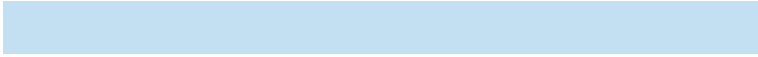
73.9930, 71.1914, 76.5345



64.3529, 71.1914, 63.6931

Complementary

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



64.9308, 71.1914, 94.3235



69.8998, 69.8595, 60.8406

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.



67.3219, 71.1914, 61.2268



64.9308, 71.1914, 94.3235



72.9423, 71.1914, 68.2644

Square

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



64.9308, 71.1914, 94.3235



73.3045, 71.1914, 85.7288



70.4755, 71.1914, 62.8329



62.3230, 71.1914, 69.8440

Rectangle

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



64.9308, 71.1914, 94.3235



70.1176, 71.1914, 94.8556



70.4755, 71.1914, 62.8329



65.2709, 71.1914, 62.4286

Sweetspot

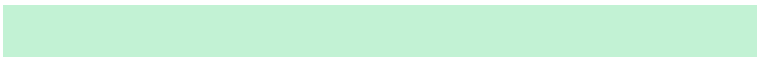
The Sweet Spot groups the original color and five complimentary colors.



64.9329, 71.1943, 94.3251



87.8405, 93.6071, 108.0460



65.8349, 79.7082, 73.9400



18.6399, 19.8911, 23.1069



0.0000, 0.0000, 0.0000



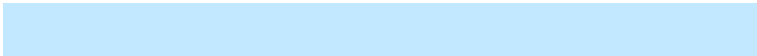
20.3446, 21.4041, 23.3091

Same Dimension

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



64.9329, 71.1943, 94.3251



69.1184, 76.4061, 105.7127



59.0237, 59.3758, 92.3554



15.7204, 16.8750, 20.1503



14.7132, 15.6507, 47.3733



1.3192, 1.4924, 3.9728

Inverse Universe

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



69.3660, 62.8443, 78.9984



75.0604, 65.5838, 85.0864



76.2372, 82.5344, 62.9531



16.1883, 15.9250, 18.5480



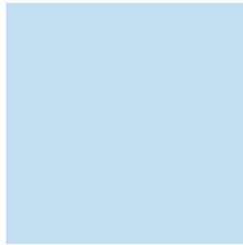
22.7522, 11.3733, 17.1434



1.9408, 0.9654, 1.6793

Previews

White Background



This preview shows how the XYZ color 64.9308, 71.1914, 94.3235 looks on a white background.

Color Contrast Check

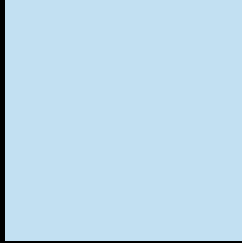
Large Text (above 18pt) WCAG AA × Fail

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 64.9308, 71.1914, 94.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

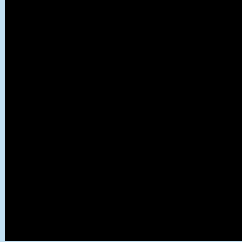
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

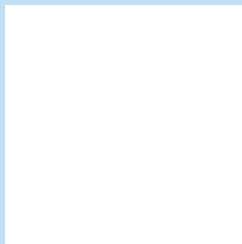
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.9308, 71.1914, 94.3235

Background



This preview shows how black text looks on a background with the XYZ color 64.9308, 71.1914, 94.3235.

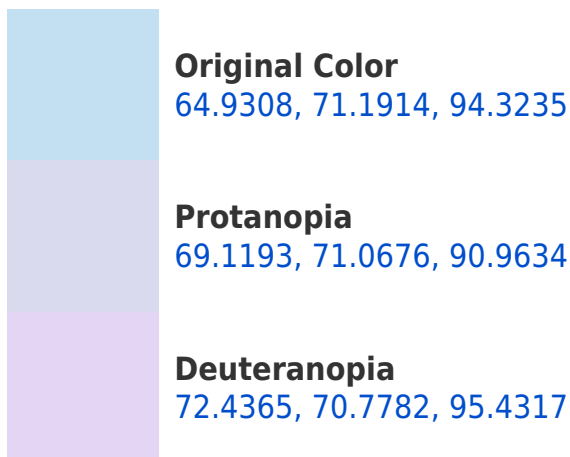


This preview shows how white text looks on a background with the XYZ color 64.9308, 71.1914,

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

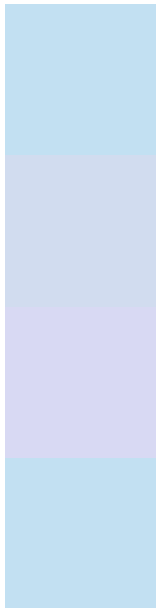




Tritanopia

64.9308, 71.1914, 94.3235

Trichromacy



Original Color

64.9308, 71.1914, 94.3235

Protanomaly

67.4677, 70.9737, 91.8047

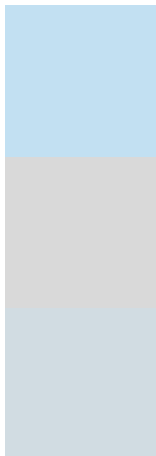
Deuteranomaly

69.3094, 70.6957, 94.7867

Tritanomaly

64.9308, 71.1914, 94.3235

Monochromacy



Original Color

64.9308, 71.1914, 94.3235

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.6152, 70.2327, 82.0495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9308, 71.1914, 94.3235 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(194, 224, 242)` looks like.

```
.text, #text, p{  
    color:rgb(194, 224, 242)  
}
```

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(194, 224, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 224, 242) }
```

Border

The CSS property to change the border of an element to XYZ 64.9308, 71.1914, 94.3235 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(194, 224, 242) }
```


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

```
.border{ border-color:rgb(194, 224, 242) }
```

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

Here you see how a box with a 4 pixel rgb(194, 224, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 224, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 224, 242);  
box-shadow:4px 4px 4px 4px rgb(194, 224,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9308, 71.1914, 94.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 224, 242) }
```

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

```
.background{ background-color: rgb(194,  
224, 242) }
```

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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