

Converting Colors

XYZ(65.4459, 72.3479, 94.5203)

Have a look what the booklet for
XYZ(65.4459, 72.3479, 94.5203)
contains.

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Color

**XYZ(65.4715, 72.2729,
94.5037)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E2F2
RGB	194, 226, 242
RGB Percent	76%, 89%, 95%
CMY	0.2392, 0.1137, 0.0510
CMYK	0.20, 0.07, 0.00, 0.05
HSL	200°, 65%, 85%
HSV	200°, 20%, 95%
XYZ	65.4715, 72.2729, 94.5037
YIQ	218.2560, -24.2080, -1.8080

Conversions

Conversions Part 2

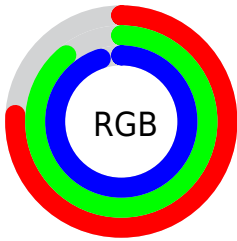
Format	Color
R_{YB}	194, 213, 242
Decimal	12772082
CIE _{Lab}	88.10, -7.13, -11.29
CIE _{LCh}	88, 13.356, 237.746
Yxy	72.2729, 0.2819, 0.3112
Android (android.graphics.Color)	4290962162 (0xFFC2E2F2)
YUV	218.2560, 11.7058, -21.2725
Hunter-Lab	85.0135, -11.3052, -6.3992

Details

The XYZ color **65.4715, 72.2729, 94.5037** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.4027, 68.8654, 60.6748**, and the grayscale version is **66.7526, 70.2290, 76.4794**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **34.2411, 38.2464, 52.0320** is the 20% darker color. If you saturate the color by 10%, you get **57.6178, 65.0464, 93.5240**, and if you desaturate by 10%, it is **74.4441, 80.2331, 95.5684**.

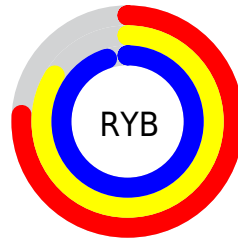
Distribution



Red (76%)

Green (89%)

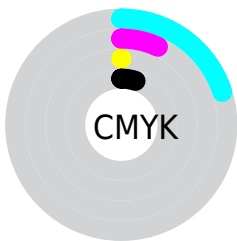
Blue (95%)



Red (76%)

Yellow (84%)

Blue (95%)

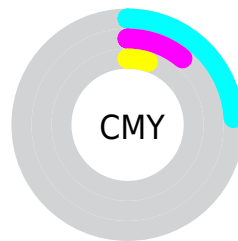


Cyan (20%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (24%)

Magenta (11%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4715, 72.2729, 94.5037 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 65.4715, 72.2729, 94.5037 by changing the saturation by 10% instead.

■ 65.4715, 72.2729,
94.5037

■ 65.4715, 72.2729,
94.5037

434.0029,
468.4909, 563.5186

■ 48.1096, 53.3816,
71.1274

■ 111.7894,
122.4444, 155.5684

■ 34.1253, 38.1075,
51.9637

141.4761,
154.4935, 194.0939

■ 23.1532, 26.0661,
36.5941

176.0019,
191.6973, 238.5062

■ 14.8280, 16.8731,
24.6000

215.7319,
234.4402, 289.2239

■ 8.7843, 10.1441,
15.5630

261.0317,
283.1066, 346.6654

■ 4.6567, 5.4946,
9.0645

312.2666,

■ 2.0800, 2.5403,

338.0810, 411.2493

4.6859

369.8018,
399.7476, 483.3942

■ 0.6783, 0.8967,
2.0087

■ 0.0000, 0.0000,
0.5606

■ 65.4715, 72.2729,
94.5037

■ 65.4715, 72.2729,
94.5037

■ 57.6178, 65.0464,
93.5240

■ 74.4441, 80.2331,
95.5684

■ 50.8263, 58.5166,
92.6215

■ 84.5760, 88.9443,
96.7159

■ 45.0446, 52.6565,
91.7951

■ 91.5151, 96.1667,
97.7442

■ 40.2134, 47.4331,
91.0416

■ 93.0272, 99.1909,
98.2482

■ 36.2663, 42.8100,
90.3572

■ 33.1279, 38.7461,
89.7383

■ 30.7086, 35.1929,
89.1799

■ 28.8617, 32.0724,
88.6749

■ 28.8332, 32.0229,
88.6669

Harmonies

Analogous

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



63.4064, 72.2729, 87.1580



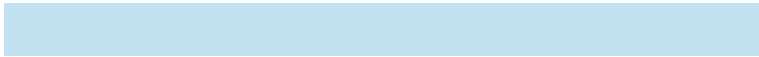
65.4715, 72.2729, 94.5037



68.4523, 72.2729, 97.5838

Triad

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



65.4715, 72.2729, 94.5037



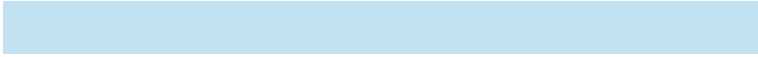
75.0065, 72.2729, 79.3857



65.8769, 72.2729, 64.1472

Complementary

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



65.4715, 72.2729, 94.5037



69.4027, 68.8654, 60.6748

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.



68.9347, 72.2729, 62.4123



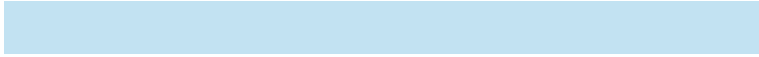
65.4715, 72.2729, 94.5037



74.2661, 72.2729, 70.7945

Square

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



65.4715, 72.2729, 94.5037



74.0123, 72.2729, 88.4450



72.0189, 72.2729, 64.7519



63.6353, 72.2729, 69.6854

Rectangle

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



65.4715, 72.2729, 94.5037



70.5799, 72.2729, 96.6377



72.0189, 72.2729, 64.7519



66.8405, 72.2729, 63.1196

Sweetspot

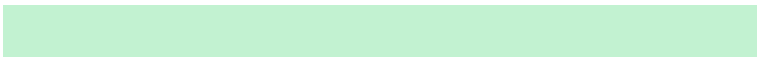
The Sweet Spot groups the original color and five complimentary colors.



65.4737, 72.2759, 94.5053



88.0382, 94.0025, 108.1119



65.5350, 79.5882, 72.3609



18.6867, 19.9847, 23.1225



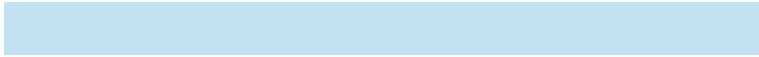
0.0000, 0.0000, 0.0000



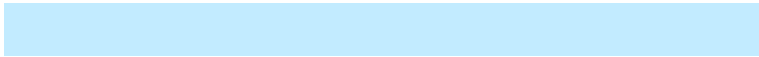
20.3446, 21.4041, 23.3091

Same Dimension

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



65.4737, 72.2759, 94.5053



69.8419, 77.8529, 105.9538



59.5853, 60.4991, 92.5425



15.7778, 16.9897, 20.1694



15.6200, 17.4643, 47.6755



1.3905, 1.6349, 3.9965

Inverse Universe

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



69.6389, 62.9534, 80.4358



75.4255, 65.7299, 87.0093



75.5524, 81.1647, 62.7247



16.2173, 15.9366, 18.7004



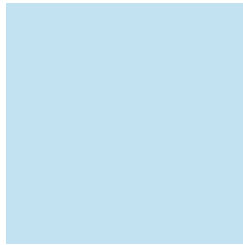
23.2099, 11.5564, 19.5536



1.9768, 0.9798, 1.8686

Previews

White Background



This preview shows how the XYZ color 65.4715, 72.2729, 94.5037 looks on a white background.

Color Contrast Check

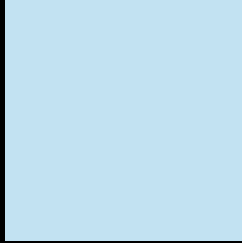
Large Text (above 18pt) WCAG AA × Fail

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 65.4715, 72.2729, 94.5037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

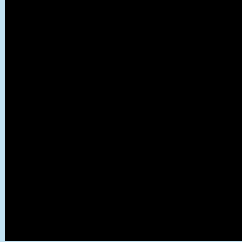
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

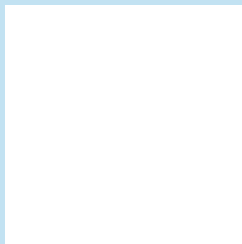
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4715, 72.2729, 94.5037

Background



This preview shows how black text looks on a background with the XYZ color 65.4715, 72.2729, 94.5037.

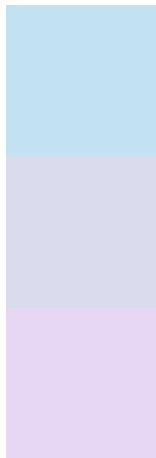


This preview shows how white text looks on a background with the XYZ color 65.4715, 72.2729,

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

65.4715, 72.2729, 94.5037

Protanopia

69.9776, 71.8962, 91.0781

Deuteranopia

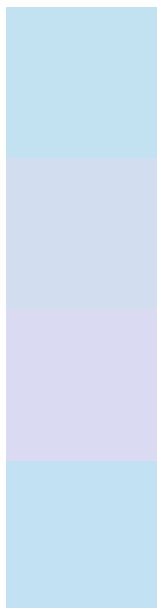
73.5846, 72.1215, 95.6305



Tritanopia

65.7736, 72.3937, 96.0947

Trichromacy



Original Color

65.4715, 72.2729, 94.5037

Protanomaly

68.2796, 72.1762, 91.9940

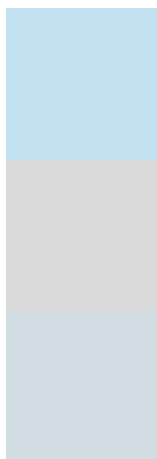
Deuteranomaly

70.4226, 72.0395, 94.9874

Tritanomaly

65.6222, 72.3331, 95.2970

Monochromacy



Original Color

65.4715, 72.2729, 94.5037

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.0161, 70.8143, 82.8621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4715, 72.2729, 94.5037 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, 226, 242)` looks like.

```
.text, #text, p{  
    color:rgb(194, 226, 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, 226, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 226, 242) }
```

Border

The CSS property to change the border of an element to XYZ 65.4715, 72.2729, 94.5037 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, 226, 242) }
```


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

```
.border{ border-color:rgb(194, 226, 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, 226, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 226, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 226, 242);  
box-shadow:4px 4px 4px 4px rgb(194, 226,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4715, 72.2729, 94.5037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 226, 242) }
```

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

```
.background{ background-color: rgb(194,  
226, 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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