

Converting Colors

XYZ(65.5208, 73.7073, 90.4655)

Have a look what the booklet for
XYZ(65.5208, 73.7073, 90.4655)
contains.

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Color

**XYZ(65.4078, 73.5641,
90.1088)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E5EC
RGB	194, 229, 236
RGB Percent	76%, 90%, 93%
CMY	0.2392, 0.1019, 0.0745
CMYK	0.18, 0.03, 0.00, 0.07
HSL	190°, 53%, 84%
HSV	190°, 18%, 93%
XYZ	65.4078, 73.5641, 90.1088
YIQ	219.3330, -23.1070, -5.2430

Conversions

Conversions Part 2

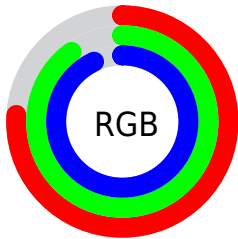
Format	Color
R _Y B	194, 213, 236
Decimal	12772844
CIE Lab	88.72, -9.93, -7.23
CIE LCh	89, 12.280, 216.058
Yxy	73.5641, 0.2855, 0.3211
Android (android.graphics.Color)	4290962924 (0xFFC2E5EC)
YUV	219.3330, 8.2168, -22.2170
Hunter-Lab	85.7695, -13.9726, -2.2510

Details

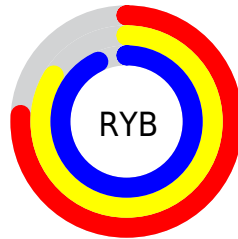
The XYZ color **65.4078, 73.5641, 90.1088** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.2170, 63.5013, 59.8601**, and the grayscale version is **67.5211, 71.0374, 77.3598**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **34.1895, 39.1428, 48.9334** is the 20% darker color. If you saturate the color by 10%, you get **58.7502, 68.5371, 89.4906**, and if you desaturate by 10%, it is **73.0562, 79.1423, 90.7836**.

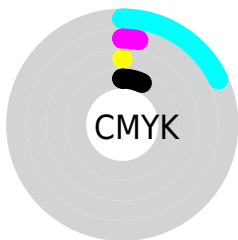
Distribution



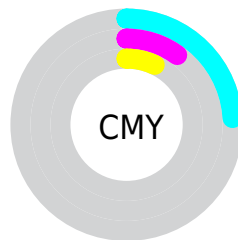
- Red (76%)
- Green (90%)
- Blue (93%)



- Red (76%)
- Yellow (84%)
- Blue (93%)



- Cyan (18%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (24%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4078, 73.5641, 90.1088 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 65.4078, 73.5641, 90.1088 by changing the saturation by 10% instead.

65.4078, 73.5641,
90.1088

65.4078, 73.5641,
90.1088

433.7781,
472.9676, 548.9639

48.0578, 54.4373,
67.4967

111.6984,
124.2777, 149.4264

34.0841, 38.9514,
49.0242

141.3697,
156.6333, 186.9688

23.1214, 26.7219,
34.2730

175.8787,
194.1674, 230.3252

14.8043, 17.3645,
22.8243

215.5909,
237.2642, 279.9140

8.7676, 10.4947,
14.2598

260.8715,
286.3083, 336.1537

4.6458, 5.7282,
8.1607

312.0861,

2.0736, 2.6805,

341.6839, 399.4629

4.1087

369.5998,
403.7755, 470.2601

■ 0.6748, 0.9673,
1.6852

■ 0.0000, 0.0000,
0.3505

■ 65.4078, 73.5641,
90.1088

■ 65.4078, 73.5641,
90.1088

■ 58.7502, 68.5371,
89.4906

■ 73.0562, 79.1423,
90.7836

■ 53.0315, 64.0286,
88.9217

■ 81.7315, 85.2847,
91.5119

■ 48.2048, 60.0160,
88.4016

■ 87.7766, 90.1083,
92.1244

■ 44.2164, 56.4714,
87.9277

■ 88.9517, 92.4586,
92.5161

■ 41.0067, 53.3639,
87.4970

■ 90.1522, 94.8595,
92.9162

■ 38.5082, 50.6583,
87.1065

■ 91.3780, 97.3111,
93.3248

■ 36.6411, 48.3134,
86.7523

■ 92.1405, 98.8362,
93.5790

■ 35.2974, 46.2732,
86.4293

■ 35.0353, 45.8458,
86.3606

Harmonies

Analogous

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



64.3978, 73.5641, 81.8360



65.4078, 73.5641, 90.1088



67.6301, 73.5641, 95.9837

Triad

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



65.4078, 73.5641, 90.1088



75.2669, 73.5641, 86.9159



69.3200, 73.5641, 64.9211

Complementary

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



65.4078, 73.5641, 90.1088



65.2170, 63.5013, 59.8601

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.



72.2620, 73.5641, 66.0709



65.4078, 73.5641, 90.1088



75.7502, 73.5641, 78.3864

Square

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



65.4078, 73.5641, 90.1088



73.3335, 73.5641, 94.0510



74.6361, 73.5641, 70.8590



66.6150, 73.5641, 67.5995

Rectangle

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



65.4078, 73.5641, 90.1088



69.5289, 73.5641, 97.5349



74.6361, 73.5641, 70.8590



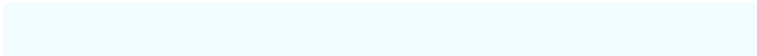
70.3135, 73.5641, 64.8753

Sweetspot

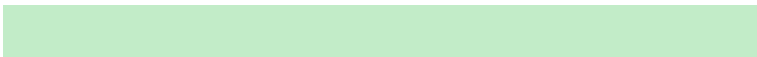
The Sweet Spot groups the original color and five complimentary colors.



65.4100, 73.5671, 90.1105



89.8399, 96.3138, 108.4631



62.7054, 75.6457, 66.1252



19.0781, 20.5072, 23.2027



0.0000, 0.0000, 0.0000



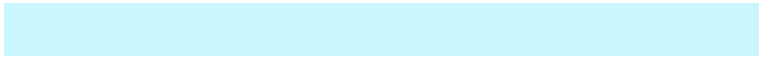
20.3446, 21.4041, 23.3091

Same Dimension

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



65.4100, 73.5671, 90.1105



75.2383, 85.6595, 107.1762



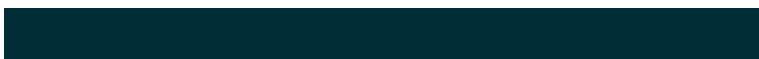
60.1168, 62.9808, 88.3461



15.2917, 16.6698, 19.3339



19.3942, 25.4354, 47.6303



1.5796, 2.1107, 3.7590

Inverse Universe

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



68.0285, 62.0752, 82.5284



78.8784, 69.9021, 96.5874



70.2667, 73.6008, 61.5433



15.6008, 15.2682, 18.4490



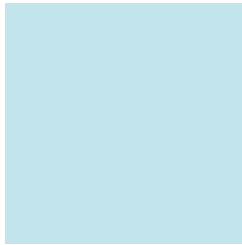
24.6446, 12.0605, 30.2595



1.9638, 0.9585, 2.5268

Previews

White Background



This preview shows how the XYZ color 65.4078, 73.5641, 90.1088 looks on a white background.

Color Contrast Check

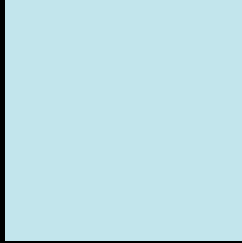
Large Text (above 18pt) WCAG AA × Fail

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 65.4078, 73.5641, 90.1088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

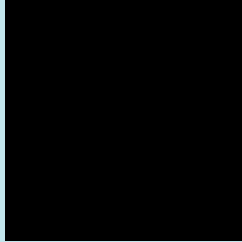
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4078, 73.5641, 90.1088

Background



This preview shows how black text looks on a background with the XYZ color 65.4078, 73.5641, 90.1088.

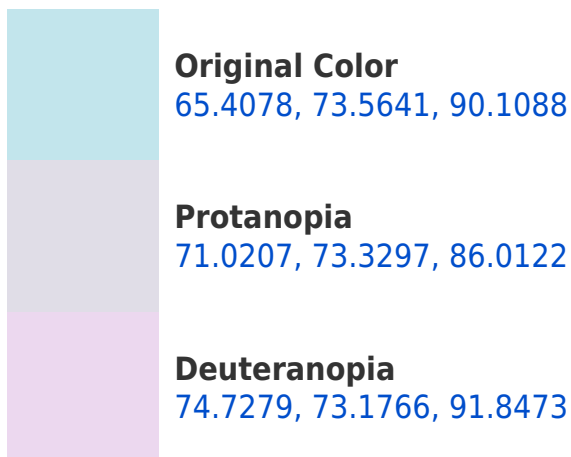


This preview shows how white text looks on a background with the XYZ color 65.4078, 73.5641,

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

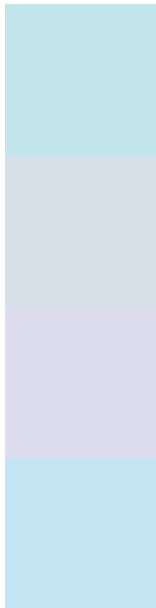




Tritanopia

66.8686, 73.3278, 97.8181

Trichromacy



Original Color

65.4078, 73.5641, 90.1088

Protanomaly

68.8042, 73.3406, 87.6206

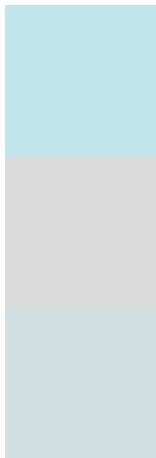
Deuteranomaly

71.1079, 73.2581, 91.2814

Tritanomaly

66.2761, 73.4997, 94.6981

Monochromacy



Original Color

65.4078, 73.5641, 90.1088

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.5566, 71.9132, 81.6069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4078, 73.5641, 90.1088 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, 229, 236)` looks like.

```
.text, #text, p{  
    color:rgb(194, 229, 236)  
}
```

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, 229, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 229, 236) }
```

Border

The CSS property to change the border of an element to XYZ 65.4078, 73.5641, 90.1088 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, 229, 236) }
```


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

```
.border{ border-color:rgb(194, 229, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 229, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 229, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 229, 236);  
box-shadow:4px 4px 4px 4px rgb(194, 229,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4078, 73.5641, 90.1088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 229, 236) }
```

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

```
.background{ background-color: rgb(194,  
229, 236) }
```

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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