

Converting Colors

XYZ(65.1356, 74.2696, 70.5770)

Have a look what the booklet for
XYZ(65.1356, 74.2696, 70.5770)
contains.

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Color

**XYZ(65.1356, 74.2695,
70.5769)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE6D0
RGB	206, 230, 208
RGB Percent	81%, 90%, 82%
CMY	0.1922, 0.0980, 0.1843
CMYK	0.10, 0.00, 0.10, 0.10
HSL	125°, 32%, 85%
HSV	125°, 10%, 90%
XYZ	65.1356, 74.2695, 70.5769
YIQ	220.3160, -7.2420, -11.9300

Conversions

Conversions Part 2

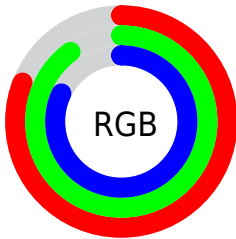
Format	Color
RYB	206, 228, 230
Decimal	13559504
CIELab	89.05, -11.98, 8.03
CIELCh	89, 14.423, 146.152
Yxy	74.2695, 0.3102, 0.3537
Android (android.graphics.Color)	4291749584 (0xFFCEE6D0)
YUV	220.3160, -6.0718, -12.5551
Hunter-Lab	86.1798, -15.9023, 11.7703

Details

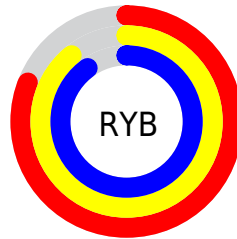
The XYZ color **65.1356, 74.2695, 70.5769** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.7107, 66.5689, 82.6301**, and the grayscale version is **68.2946, 71.8513, 78.2460**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9177, 39.2806, 36.3661** is the 20% darker color. If you saturate the color by 10%, you get **56.7878, 70.2482, 57.5338**, and if you desaturate by 10%, it is **74.7668, 78.9168, 85.4833**.

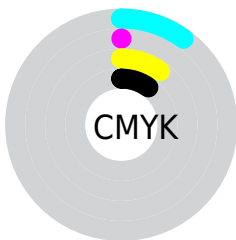
Distribution



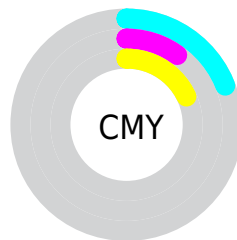
- Red (81%)
- Green (90%)
- Blue (82%)



- Red (81%)
- Yellow (89%)
- Blue (90%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (10%)



- Cyan (19%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1356, 74.2695, 70.5769 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 65.1356, 74.2695, 70.5769 by changing the saturation by 10% instead.

65.1356, 74.2695,
70.5769

65.1356, 74.2695,
70.5769

432.8166,
475.4030, 481.4168

47.8361, 55.0146,
51.5173

111.3094,
125.2778, 121.7199

33.9079, 39.4134,
36.2409

140.9145,
157.8000, 154.6404

22.9854, 27.0815,
24.3291

175.3521,
195.5134, 193.0182

14.7033, 17.6345,
15.3635

214.9877,
238.8025, 237.2719

8.6964, 10.6879,
8.9254

260.1866,
288.0516, 287.8201

4.5992, 5.8574,
4.5964

311.3142,

2.0464, 2.7585,

343.6451, 345.0813

1.9579

368.7357,
405.9674, 409.4740

■ 0.6598, 1.0070,
0.5292

■ 0.0000, 0.0000,
0.0000

■ 65.1356, 74.2695,
70.5769

■ 65.1356, 74.2695,
70.5769

■ 56.7878, 70.2482,
57.5338

■ 74.7668, 78.9168,
85.4833

■ 49.6632, 66.8172,
46.2760

■ 85.7260, 84.2052,
102.3170

■ 43.7063, 63.9515,
36.7273

■ 87.5882, 85.0765,
106.4127

■ 38.8546, 61.6207,
28.8043

■ 35.0398, 59.7915,
22.4163

■ 32.1860, 58.4270,
17.4640

■ 30.2069, 57.4850,
13.8362

■ 29.0008, 56.9157,
11.4056

■ 28.4172, 56.6441,
10.0592

Harmonies

Analogous

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



67.6594, 74.2695, 64.7361



65.1356, 74.2695, 70.5769



64.0723, 74.2695, 79.5774

Triad

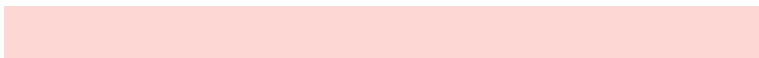
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.1356, 74.2695, 70.5769



70.1392, 74.2695, 101.7137



76.8206, 74.2695, 72.6475

Complementary

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



65.1356, 74.2695, 70.5769



68.7107, 66.5689, 82.6301

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.



77.5373, 74.2695, 82.1702



65.1356, 74.2695, 70.5769



73.6060, 74.2695, 99.4766

Square

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



65.1356, 74.2695, 70.5769



66.9001, 74.2695, 97.9957



76.3427, 74.2695, 92.1113



74.4151, 74.2695, 65.8602

Rectangle

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



65.1356, 74.2695, 70.5769



64.3080, 74.2695, 86.3610



76.3427, 74.2695, 92.1113



77.2704, 74.2695, 75.6108

Sweetspot

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



65.1376, 74.2727, 70.5785



91.1827, 98.1344, 102.9327



71.5625, 77.6131, 69.6026



19.3011, 20.9007, 21.6985



0.0000, 0.0000, 0.0000



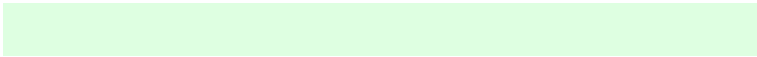
20.3446, 21.4041, 23.3091

Same Dimension

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



65.1376, 74.2727, 70.5785



79.3760, 92.4410, 84.6165



66.6181, 74.8648, 78.3744



14.2378, 16.1086, 15.5172



16.1054, 32.0743, 5.7893



1.2071, 2.3770, 0.5172

Inverse Universe

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



68.7107, 66.5689, 82.6301



84.9299, 80.4663, 103.3484



67.1533, 65.9460, 74.4288



14.9406, 14.5934, 17.8875



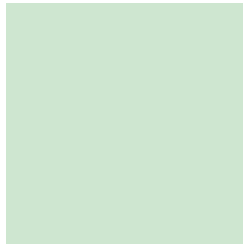
25.1422, 12.1911, 35.9733



1.8733, 0.9070, 2.7393

Previews

White Background



This preview shows how the XYZ color 65.1356, 74.2695, 70.5769 looks on a white background.

Color Contrast Check

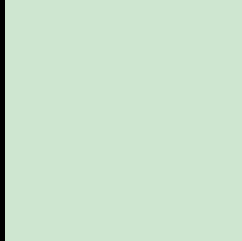
Large Text (above 18pt) WCAG AA × Fail

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 65.1356, 74.2695, 70.5769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

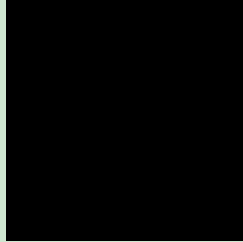
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

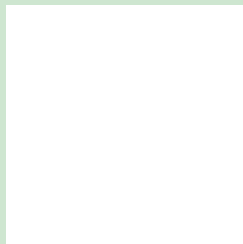
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.1356, 74.2695, 70.5769

Background



This preview shows how black text looks on a background with the XYZ color 65.1356, 74.2695, 70.5769.

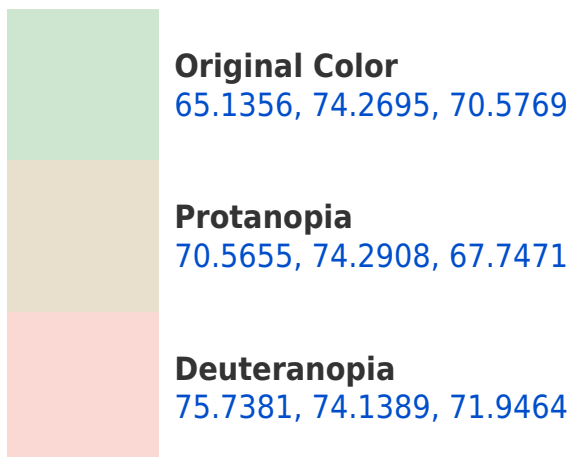


This preview shows how white text looks on a background with the XYZ color 65.1356, 74.2695,

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

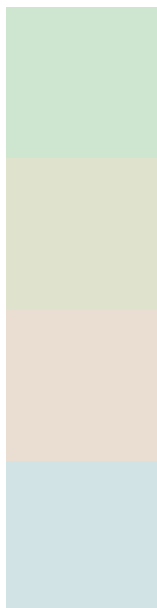




Tritanopia

70.2543, 74.3185, 95.4361

Trichromacy



Original Color

65.1356, 74.2695, 70.5769

Protanomaly

68.6472, 74.4885, 68.5172

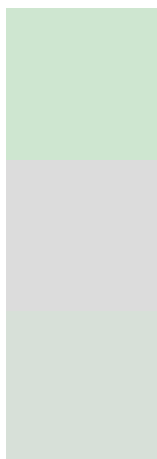
Deuteranomaly

71.4210, 73.8585, 71.4646

Tritanomaly

68.3304, 74.3530, 85.6131

Monochromacy



Original Color

65.1356, 74.2695, 70.5769

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.0747, 72.7162, 75.4662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1356, 74.2695, 70.5769 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(206, 230, 208)` looks like.

```
.text, #text, p{  
    color:rgb(206, 230, 208)  
}
```

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(206, 230, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 230, 208) }
```

Border

The CSS property to change the border of an element to XYZ 65.1356, 74.2695, 70.5769 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(206, 230, 208) }
```


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

```
.border{ border-color:rgb(206, 230, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 230, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 230, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 230, 208);  
box-shadow:4px 4px 4px 4px rgb(206, 230,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1356, 74.2695, 70.5769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 230, 208) }
```

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

```
.background{ background-color: rgb(206,  
230, 208) }
```

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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