

Converting Colors

XYZ(64.3841, 73.8103, 85.1770)

Have a look what the booklet for
XYZ(64.3841, 73.8103, 85.1770)
contains.

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Color

**XYZ(64.4570, 74.0154,
85.0179)**

Conversions

Conversions Part 1

Format	Color
Hex	C0E7E5
RGB	192, 231, 229
RGB Percent	75%, 91%, 90%
CMY	0.2470, 0.0941, 0.1020
CMYK	0.17, 0.00, 0.01, 0.09
HSL	177°, 45%, 83%
HSV	177°, 17%, 91%
XYZ	64.4570, 74.0154, 85.0179
YIQ	219.1110, -22.6020, -8.8900

Conversions

Conversions Part 2

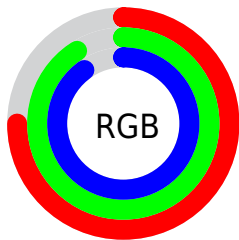
Format	Color
RYB	192, 212, 231
Decimal	12642277
CIELab	88.93, -13.00, -3.25
CIELCh	89, 13.399, 194.057
Yxy	74.0154, 0.2884, 0.3312
Android (android.graphics.Color)	4290832357 (0xFFC0E7E5)
YUV	219.1110, 4.8753, -23.7763
Hunter-Lab	86.0322, -16.8207, 1.6316

Details

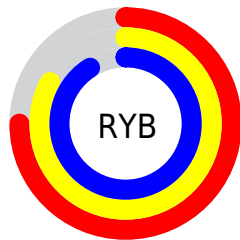
The XYZ color **64.4570, 74.0154, 85.0179** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.5449, 58.5853, 59.1065**, and the grayscale version is **67.3891, 70.8986, 77.2086**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **33.4512, 39.1192, 45.8321** is the 20% darker color. If you saturate the color by 10%, you get **58.8963, 71.1698, 83.8974**, and if you desaturate by 10%, it is **70.9411, 77.3408, 86.1907**.

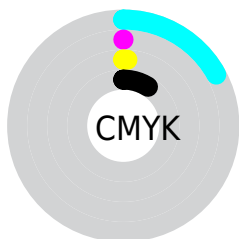
Distribution



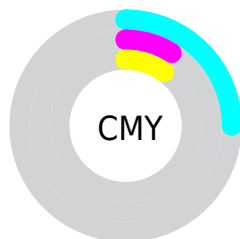
- Red (75%)
- Green (91%)
- Blue (90%)



- Red (75%)
- Yellow (83%)
- Blue (91%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (25%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.4570, 74.0154, 85.0179 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 64.4570, 74.0154, 85.0179 by changing the saturation by 10% instead.

■ 64.4570, 74.0154,
85.0179

■ 64.4570, 74.0154,
85.0179

430.4142,
474.5265, 531.8334

■ 47.2840, 54.8066,
63.3059

■ 110.3389,
124.9176, 142.2726

■ 33.4691, 39.2469,
45.6462

139.7785,
157.3799, 178.6524

■ 22.6470, 26.9519,
31.6200

174.0376,
195.0288, 220.7585

■ 14.4523, 17.5371,
20.8090

213.4817,
238.2487, 269.0095

■ 8.5197, 10.6182,
12.7946

258.4760,
287.4241, 323.8240

■ 4.4839, 5.8107,
7.1582

309.3860,

■ 1.9793, 2.7303,

342.9392, 385.6204

3.4813

366.5769,
405.1786, 454.8174

■ 0.6223, 0.9926,
1.3453

■ 0.0000, 0.0000,
0.0985

■ 64.4570, 74.0154,
85.0179

■ 64.4570, 74.0154,
85.0179

■ 58.8963, 71.1698,
83.8974

■ 70.9411, 77.3408,
86.1907

■ 54.2100, 68.7728,
82.8221


■ 78.3822, 81.1575,
87.4126


■ 50.3539, 66.8038,
81.7915


■ 84.4625, 84.2726,
88.5768


■ 47.2780, 65.2368,
80.8034


■ 84.6322, 84.3404,
89.4703


 44.9263, 64.0430,
79.8550


 84.8030, 84.4088,
90.3699


 43.2357, 63.1899,
78.9434


 84.9750, 84.4776,
91.2754


 42.1322, 62.6393,
78.0651

 85.1481, 84.5468,
92.1870

 41.5209, 62.3423,
77.2157

 85.3223, 84.6165,
93.1046

 41.3820, 62.2763,
76.9546

 85.4978, 84.6867,
94.0283

Harmonies

Analogous

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



64.5073, 74.0154, 75.7710



64.4570, 74.0154, 85.0179



65.9512, 74.0154, 93.6937

Triad

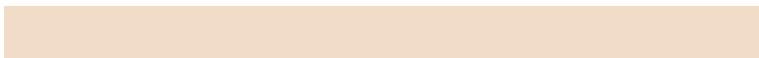
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.4570, 74.0154, 85.0179



74.7872, 74.0154, 94.1555



72.0808, 74.0154, 64.5700

Complementary

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



64.4570, 74.0154, 85.0179



61.5449, 58.5853, 59.1065

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.



74.9390, 74.0154, 68.7692



64.4570, 74.0154, 85.0179



76.5340, 74.0154, 85.6095

Square

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



64.4570, 74.0154, 85.0179



71.8789, 74.0154, 99.2378



76.5904, 74.0154, 76.3189



68.8418, 74.0154, 64.4384

Rectangle

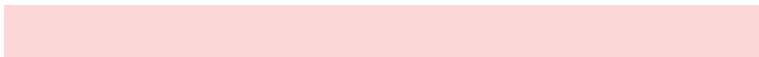
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.4570, 74.0154, 85.0179



67.6495, 74.0154, 97.7879



76.5904, 74.0154, 76.3189



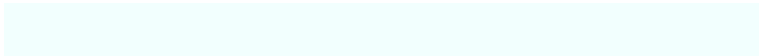
73.1203, 74.0154, 65.5372

Sweetspot

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



64.4591, 74.0185, 85.0196



90.4086, 97.6194, 108.1334



60.4950, 72.5095, 60.6779



19.2168, 20.8257, 23.1222



0.0000, 0.0000, 0.0000



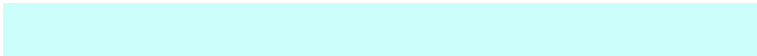
20.3446, 21.4041, 23.3091

Same Dimension

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



64.4591, 74.0185, 85.0196



78.2929, 91.4098, 105.9295



60.2361, 65.1222, 84.9998



14.7738, 16.3229, 18.3396



23.2128, 34.9172, 43.2163



1.7252, 2.5842, 3.2456

Inverse Universe

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



61.5449, 58.5853, 59.1065



74.0488, 68.9321, 68.1901



65.2480, 66.3491, 59.2383



14.4068, 14.3799, 15.0769



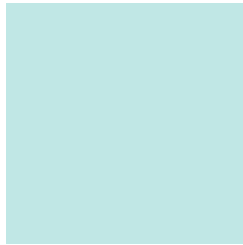
18.5253, 9.5443, 1.1291



1.3796, 0.7095, 0.1395

Previews

White Background



This preview shows how the XYZ color 64.4570, 74.0154, 85.0179 looks on a white background.

Color Contrast Check

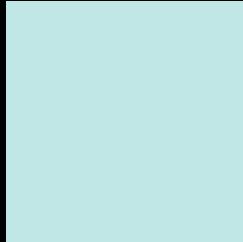
Large Text (above 18pt) WCAG AA × Fail

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 64.4570, 74.0154, 85.0179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

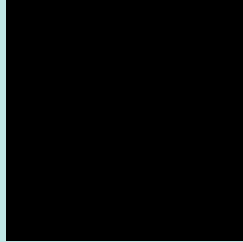
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.4570, 74.0154, 85.0179

Background



This preview shows how black text looks on a background with the XYZ color 64.4570, 74.0154, 85.0179.



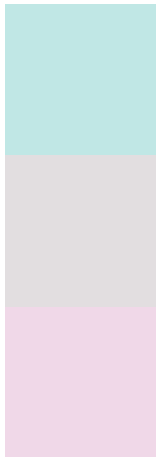
This preview shows how white text looks on a background with the XYZ color 64.4570, 74.0154,

85.0179.

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

64.4570, 74.0154, 85.0179

Protanopia

70.9399, 73.7931, 81.0256

Deuteranopia

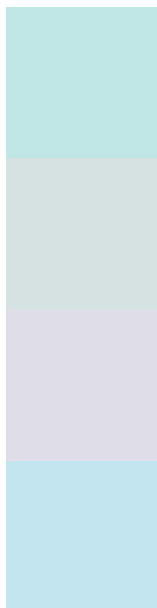
75.0565, 73.4632, 86.5678



Tritanopia

67.0376, 73.8043, 98.7081

Trichromacy



Original Color

64.4570, 74.0154, 85.0179

Protanomaly

68.3842, 73.6376, 82.5607

Deuteranomaly

70.7117, 73.1704, 85.9977

Tritanomaly

65.9956, 73.7992, 93.2044

Monochromacy



Original Color

64.4570, 74.0154, 85.0179

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.0015, 71.6584, 80.1648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4570, 74.0154, 85.0179 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(192, 231, 229)` looks like.

```
.text, #text, p{  
    color:rgb(192, 231, 229)  
}
```

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(192, 231, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 231, 229) }
```

Border

The CSS property to change the border of an element to XYZ 64.4570, 74.0154, 85.0179 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(192, 231, 229) }
```


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

```
.border{ border-color:rgb(192, 231, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 231, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 231, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 231, 229);  
box-shadow:4px 4px 4px 4px rgb(192, 231,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4570, 74.0154, 85.0179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 231, 229) }
```

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

```
.background{ background-color: rgb(192,  
231, 229) }
```

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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