

Converting Colors

XYZ(65.4257, 72.9864, 78.7120)

Have a look what the booklet for
XYZ(65.4257, 72.9864, 78.7120)
contains.

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Color

**XYZ(65.4221, 72.9960,
79.0481)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE3DD
RGB	204, 227, 221
RGB Percent	80%, 89%, 87%
CMY	0.2000, 0.1098, 0.1333
CMYK	0.10, 0.00, 0.03, 0.11
HSL	164°, 29%, 85%
HSV	164°, 10%, 89%
XYZ	65.4221, 72.9960, 79.0481
YIQ	219.4390, -11.7820, -6.7420

Conversions

Conversions Part 2

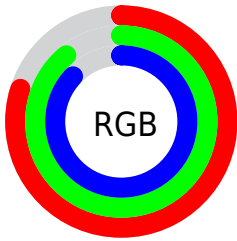
Format	Color
R _Y B	204, 217, 227
Decimal	13427677
CIE Lab	88.45, -8.73, 0.33
CIE LCh	88, 8.736, 177.855
Yxy	72.9960, 0.3008, 0.3357
Android (android.graphics.Color)	4291617757 (0xFFCCE3DD)
YUV	219.4390, 0.7696, -13.5400
Hunter-Lab	85.4377, -12.8334, 4.9505

Details

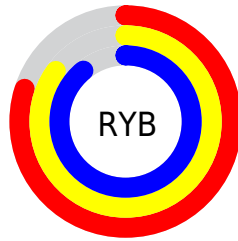
The XYZ color **65.4221, 72.9960, 79.0481** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9070, 64.1718, 69.9417**, and the grayscale version is **67.6392, 71.1617, 77.4951**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2131, 38.7423, 41.7512** is the 20% darker color. If you saturate the color by 10%, you get **58.8729, 69.7114, 74.6947**, and if you desaturate by 10%, it is **72.9101, 76.7654, 83.5939**.

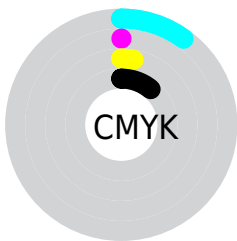
Distribution



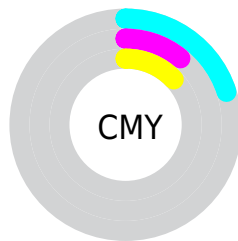
- Red (80%)
- Green (89%)
- Blue (87%)



- Red (80%)
- Yellow (85%)
- Blue (89%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4221, 72.9960, 79.0481 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 65.4221, 72.9960, 79.0481 by changing the saturation by 10% instead.

65.4221, 72.9960,
79.0481

65.4221, 72.9960,
79.0481

433.8285,
471.0009, 511.3410

48.0694, 53.9727,
58.4138

111.7188,
123.4715, 133.8259

34.0933, 38.5798,
41.7245

141.3936,
155.6925, 168.8064

23.1285, 26.4330,
28.5617

175.9063,
193.0816, 209.4061

14.8097, 17.1479,
18.5068

215.6225,
236.0230, 256.0435

8.7714, 10.3400,
11.1412

260.9075,
284.9013, 309.1372

4.6483, 5.6249,
6.0466

312.1266,

2.0750, 2.6184,

340.1008, 369.1056

2.8042

369.6451,
402.0059, 436.3673

■ 0.6756, 0.9359,
0.9955

■ 0.0000, 0.0000,
0.0000

■ 65.4221, 72.9960,
79.0481

■ 65.4221, 72.9960,
79.0481

■ 58.8729, 69.7114,
74.6947

■ 72.9101, 76.7654,
83.5939

■ 53.2170, 66.8821,
70.5254

■ 81.3678, 81.0294,
88.3305

■ 48.4143, 64.4895,
66.5386

■ 84.2572, 82.4196,
92.9549

■ 44.4191, 62.5100,
62.7305

■ 85.1460, 82.7751,
97.6353

■ 41.1814, 60.9180,
59.0972

■ 86.0638, 83.1422,
102.4682

■ 38.6454, 59.6846,
55.6346

■ 86.7604, 83.4209,
106.1368

■ 36.7474, 58.7772,
52.3380

■ 35.4118, 58.1567,
49.2022

■ 34.5160, 57.7591,
46.2583

Harmonies

Analogous

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



66.0165, 72.9960, 73.4832



65.4221, 72.9960, 79.0481



65.8704, 72.9960, 85.0084

Triad

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



65.4221, 72.9960, 79.0481



71.2848, 72.9960, 90.1523



71.5518, 72.9960, 70.0829

Complementary

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



65.4221, 72.9960, 79.0481



64.9070, 64.1718, 69.9417

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.



73.0131, 72.9960, 74.1971



65.4221, 72.9960, 79.0481



72.8568, 72.9960, 85.7950

Square

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



65.4221, 72.9960, 79.0481



69.2295, 72.9960, 91.6090



73.4955, 72.9960, 79.9139



69.5318, 72.9960, 68.4723

Rectangle

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



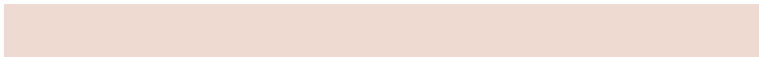
65.4221, 72.9960, 79.0481



66.7054, 72.9960, 88.3691



73.4955, 72.9960, 79.9139



72.1261, 72.9960, 71.2084

Sweetspot

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



65.4242, 72.9991, 79.0497



91.9715, 98.4499, 107.0867



64.9869, 73.0222, 67.7975



19.5137, 20.9858, 22.8181



0.0000, 0.0000, 0.0000



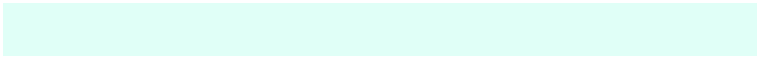
20.3446, 21.4041, 23.3091

Same Dimension

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



65.4242, 72.9991, 79.0497



83.4152, 94.1475, 101.7828



64.7933, 70.4342, 82.8568



14.6384, 16.2688, 17.6265



20.1791, 33.7037, 27.2410



1.5287, 2.5056, 2.2107

Inverse Universe

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



64.9070, 64.1718, 69.9417



82.6237, 80.6347, 87.8411



65.4706, 66.4738, 66.5080



14.5306, 14.4294, 15.7287



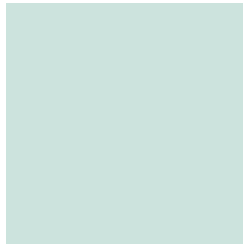
18.9798, 9.7261, 3.5227



1.4399, 0.7337, 0.4571

Previews

White Background



This preview shows how the XYZ color 65.4221, 72.9960, 79.0481 looks on a white background.

Color Contrast Check

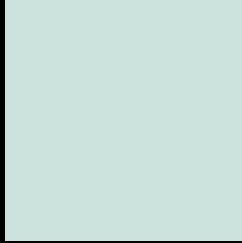
Large Text (above 18pt) WCAG AA × Fail

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 65.4221, 72.9960, 79.0481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

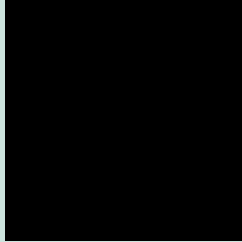
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

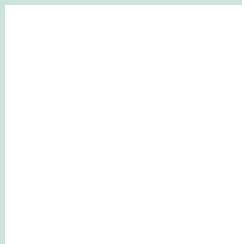
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4221, 72.9960, 79.0481

Background



This preview shows how black text looks on a background with the XYZ color 65.4221, 72.9960, 79.0481.

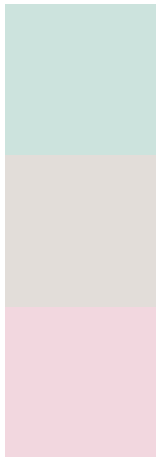


This preview shows how white text looks on a background with the XYZ color 65.4221, 72.9960,

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

65.4221, 72.9960, 79.0481

Protanopia

69.7449, 72.8914, 76.0391

Deuteranopia

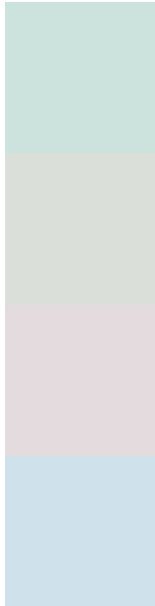
74.2377, 72.8058, 79.9522



Tritanopia

68.6951, 73.1320, 94.4997

Trichromacy



Original Color

65.4221, 72.9960, 79.0481

Protanomaly

67.9560, 72.7427, 76.7888

Deuteranomaly

70.5112, 72.4309, 79.3715

Tritanomaly

67.5086, 73.0563, 88.3851

Monochromacy



Original Color

65.4221, 72.9960, 79.0481

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.7711, 71.7060, 78.0316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4221, 72.9960, 79.0481 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(204, 227, 221) looks like.

```
.text, #text, p{  
    color:rgb(204, 227, 221)  
}
```

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(204, 227, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 227, 221) }
```

Border

The CSS property to change the border of an element to XYZ 65.4221, 72.9960, 79.0481 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(204, 227, 221) }
```


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

```
.border{ border-color:rgb(204, 227, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 227, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 227, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 227, 221);  
box-shadow:4px 4px 4px 4px rgb(204, 227,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4221, 72.9960, 79.0481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 227, 221) }
```

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

```
.background{ background-color: rgb(204,  
227, 221) }
```

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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