

Converting Colors

XYZ(65.1956, 73.6970, 82.5637)

Have a look what the booklet for
XYZ(65.1956, 73.6970, 82.5637)
contains.

XYZ(65.3000, 73.6717, 82.7299)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.3000, 73.6717,
82.7299)**

Conversions

Conversions Part 1

Format	Color
Hex	C7E5E2
RGB	199, 229, 226
RGB Percent	78%, 90%, 89%
CMY	0.2196, 0.1019, 0.1137
CMYK	0.13, 0.00, 0.01, 0.10
HSL	174°, 37%, 84%
HSV	174°, 13%, 90%
XYZ	65.3000, 73.6717, 82.7299
YIQ	219.6880, -16.9170, -7.2930

Conversions

Conversions Part 2

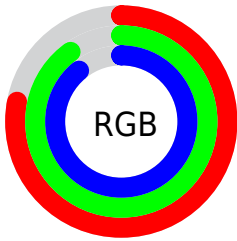
Format	Color
R_{YB}	199, 215, 229
Decimal	13100514
CIE _{Lab}	88.77, -10.39, -1.87
CIE _{LCh}	89, 10.556, 190.191
Yxy	73.6717, 0.2945, 0.3323
Android (android.graphics.Color)	4291290594 (0xFFC7E5E2)
YUV	219.6880, 3.1118, -18.1434
Hunter-Lab	85.8322, -14.4060, 2.9355

Details

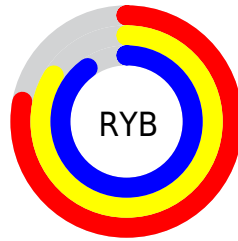
The XYZ color **65.3000, 73.6717, 82.7299** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.3999, 61.7712, 64.4620**, and the grayscale version is **67.7992, 71.3301, 77.6785**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1638, 39.2321, 44.3000** is the 20% darker color. If you saturate the color by 10%, you get **59.3633, 70.6493, 80.8224**, and if you desaturate by 10%, it is **72.1595, 77.1733, 84.7056**.

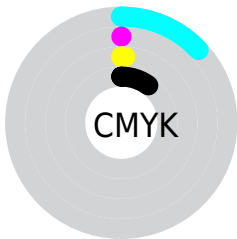
Distribution



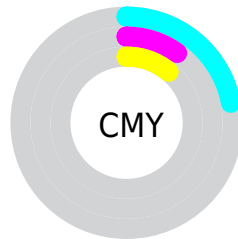
- Red (78%)
- Green (90%)
- Blue (89%)



- Red (78%)
- Yellow (84%)
- Blue (90%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (10%)



- Cyan (22%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3000, 73.6717, 82.7299 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 65.3000, 73.6717, 82.7299 by changing the saturation by 10% instead.

■ 65.3000, 73.6717,
82.7299

■ 65.3000, 73.6717,
82.7299

433.3974,
473.3395, 524.0333

■ 47.9700, 54.5254,
61.4280

111.5444,
124.4303, 139.0429

■ 34.0143, 39.0219,
44.1379

141.1894,
156.8114, 174.8912

■ 23.0675, 26.7767,
30.4409

175.6702,
194.3728, 216.4254

■ 14.7643, 17.4056,
19.9186

215.3521,
237.4991, 264.0639

■ 8.7394, 10.5241,
12.1524

260.6004,
286.5744, 318.2255

■ 4.6273, 5.7478,
6.7238

311.7805,

■ 2.0628, 2.6923,

341.9834, 379.3285

3.2141

369.2577,
404.1103, 447.7916

■ 0.6689, 0.9733,
1.2050

■ 0.0000, 0.0000,
0.0000

■ 65.3000, 73.6717,
82.7299

■ 65.3000, 73.6717,
82.7299

■ 59.3633, 70.6493,
80.8224

■ 72.1595, 77.1733,
84.7056

■ 54.3023, 68.0759,
78.9763


■ 79.9736, 81.1645,
86.7465

■ 50.0754, 65.9320,
77.1909


■ 83.9513, 83.1775,
88.6299


■ 46.6349, 64.1930,
75.4641


■ 84.2807, 83.3093,
90.3649


 43.9284, 62.8319,
73.7932

 84.6145, 83.4428,
92.1223


 41.8972, 61.8185,
72.1754


 84.9525, 83.5780,
93.9023


 40.4733, 61.1177,
70.6076

 85.2948, 83.7149,
95.7049

 39.5747, 60.6872,
69.0856

 85.6414, 83.8536,
97.5303

 39.1712, 60.5015,
68.0582

 85.9924, 83.9940,
99.3785

Harmonies

Analogous

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



65.5036, 73.6717, 75.5437



65.3000, 73.6717, 82.7299



66.3381, 73.6717, 89.6381

Triad

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



65.3000, 73.6717, 82.7299



73.2397, 73.6717, 91.4458



71.7001, 73.6717, 67.6989

Complementary

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



65.3000, 73.6717, 82.7299



63.3999, 61.7712, 64.4620

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.



73.8413, 73.6717, 71.4783



65.3000, 73.6717, 82.7299



74.7451, 73.6717, 85.0770

Square

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



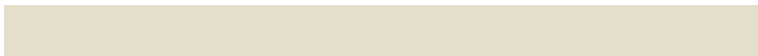
65.3000, 73.6717, 82.7299



70.8951, 73.6717, 94.8690



74.9679, 73.6717, 77.7535



69.1575, 73.6717, 67.1552

Rectangle

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



65.3000, 73.6717, 82.7299



67.6099, 73.6717, 93.0478



74.9679, 73.6717, 77.7535



72.4923, 73.6717, 68.6216

Sweetspot

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



65.3021, 73.6748, 82.7315



91.2325, 98.0509, 107.8656



62.8230, 72.7917, 64.7733



19.3786, 20.9109, 23.0464



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.



65.3021, 73.6748, 82.7315



80.9493, 92.8060, 104.8443



62.6402, 67.6857, 83.8954



14.7420, 16.3102, 18.1721



22.4207, 34.6004, 39.0455



1.6749, 2.5641, 2.9806

Inverse Universe

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



63.3999, 61.7712, 64.4620



78.0293, 74.5313, 76.7980



65.7947, 67.1245, 63.5228



14.4353, 14.3913, 15.2268



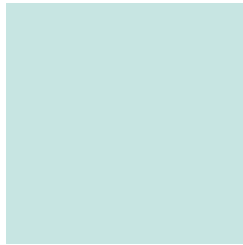
18.5831, 9.5675, 1.4339



1.3932, 0.7150, 0.2112

Previews

White Background



This preview shows how the XYZ color 65.3000, 73.6717, 82.7299 looks on a white background.

Color Contrast Check

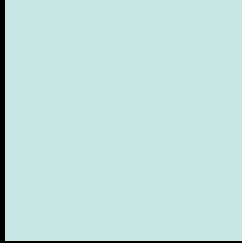
Large Text (above 18pt) WCAG AA × Fail

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 65.3000, 73.6717, 82.7299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

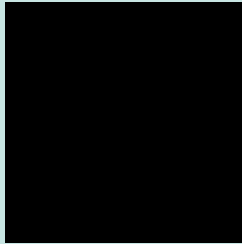
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

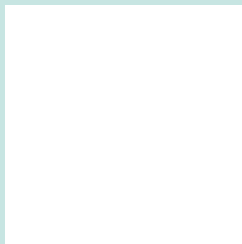
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3000, 73.6717, 82.7299

Background



This preview shows how black text looks on a background with the XYZ color 65.3000, 73.6717, 82.7299.

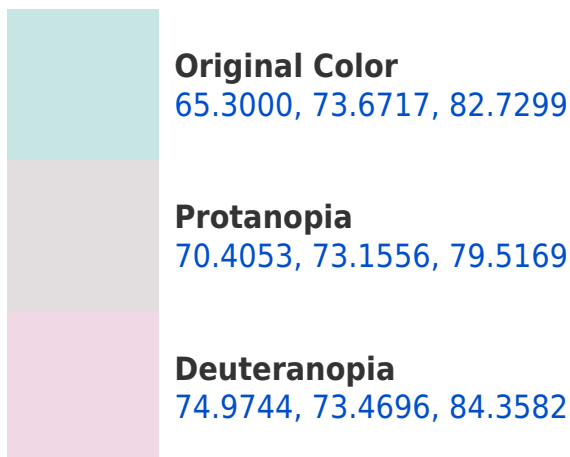


This preview shows how white text looks on a background with the XYZ color 65.3000, 73.6717,

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

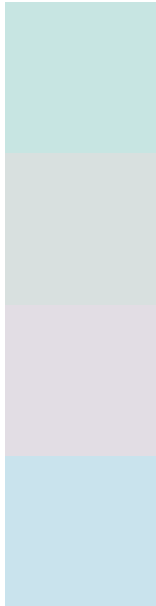




Tritanopia

67.8826, 73.4809, 96.1934

Trichromacy



Original Color

65.3000, 73.6717, 82.7299

Protanomaly

68.2938, 73.2380, 80.3489

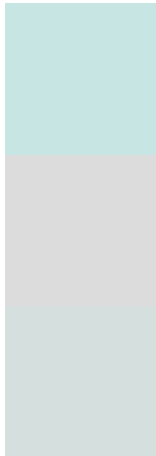
Deuteranomaly

71.2241, 73.4831, 83.8285

Tritanomaly

66.8425, 73.4701, 90.7789

Monochromacy



Original Color

65.3000, 73.6717, 82.7299

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

66.7239, 72.0463, 79.4968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3000, 73.6717, 82.7299 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(199, 229, 226)` looks like.

```
.text, #text, p{  
    color:rgb(199, 229, 226)  
}
```

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(199, 229, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 229, 226) }
```

Border

The CSS property to change the border of an element to XYZ 65.3000, 73.6717, 82.7299 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(199, 229, 226) }
```


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

```
.border{ border-color:rgb(199, 229, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 229, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 229, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 229, 226);  
box-shadow:4px 4px 4px 4px rgb(199, 229,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3000, 73.6717, 82.7299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 229, 226) }
```

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

```
.background{ background-color: rgb(199,  
229, 226) }
```

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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