

Converting Colors

XYZ(65.3351, 72.0043, 81.5456)

Have a look what the booklet for
XYZ(65.3351, 72.0043, 81.5456)
contains.

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Color

**XYZ(65.4177, 72.1240,
81.7076)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE1E1
RGB	204, 225, 225
RGB Percent	80%, 88%, 88%
CMY	0.2000, 0.1176, 0.1176
CMYK	0.09, 0.00, 0.00, 0.12
HSL	180°, 26%, 84%
HSV	180°, 9%, 88%
XYZ	65.4177, 72.1240, 81.7076
YIQ	218.7210, -12.5160, -4.4520

Conversions

Conversions Part 2

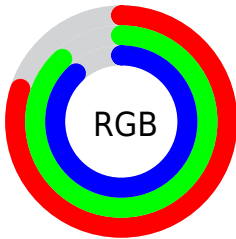
Format	Color
R_{YB}	204, 215, 225
Decimal	13427169
CIE _{Lab}	88.03, -6.94, -2.39
CIE _{LCh}	88, 7.339, 198.978
Yxy	72.1240, 0.2984, 0.3290
Android (android.graphics.Color)	4291617249 (0xFFCCE1E1)
YUV	218.7210, 3.0955, -12.9103
Hunter-Lab	84.9259, -11.1231, 2.4049

Details

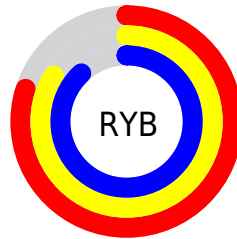
The XYZ color **65.4177, 72.1240, 81.7076** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5459, 63.5550, 66.0483**, and the grayscale version is **67.1258, 70.6216, 76.9069**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2081, 38.1358, 43.5882** is the 20% darker color. If you saturate the color by 10%, you get **59.6908, 69.1737, 81.4386**, and if you desaturate by 10%, it is **72.0397, 75.5397, 82.0215**.

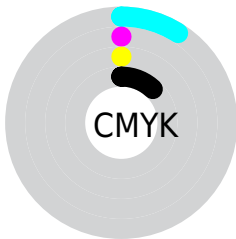
Distribution



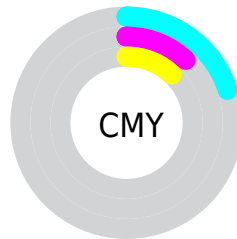
- Red (80%)
- Green (88%)
- Blue (88%)



- Red (80%)
- Yellow (84%)
- Blue (88%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (20%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4177, 72.1240, 81.7076 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 65.4177, 72.1240, 81.7076 by changing the saturation by 10% instead.

■ 65.4177, 72.1240,
81.7076

■ 65.4177, 72.1240,
81.7076

433.8130,
467.9731, 520.5268

■ 48.0658, 53.2600,
60.5901

111.7125,
122.2328, 137.5969

■ 34.0905, 38.0103,
43.4661

141.3862,
154.2464, 173.2058

■ 23.1263, 25.9907,
29.9169

175.8978,
191.4119, 214.4822

■ 14.8080, 16.8167,
19.5240

215.6128,
234.1138, 261.8448

■ 8.7702, 10.1039,
11.8689

260.8964,
282.7365, 315.7120

■ 4.6475, 5.4679,
6.5330

312.1141,

■ 2.0746, 2.5243,

337.6644, 376.5024

3.0978

369.6312,
399.2818, 444.6345

■ 0.6753, 0.8888,
1.1448

■ 0.0000, 0.0000,
0.0000

■ 65.4177, 72.1240,
81.7076

■ 65.4177, 72.1240,
81.7076

■ 59.6908, 69.1737,
81.4386

■ 72.0397, 75.5397,
82.0215

■ 54.8147, 66.6600,
81.2079

■ 79.5863, 79.4300,
82.3771

■ 50.7508, 64.5651,
81.0153

■ 81.7588, 80.5499,
82.4813

■ 47.4549, 62.8660,
80.8586

■ 81.7592, 80.5501,
82.4838

■ 44.8788, 61.5380,
80.7355

■ 81.7597, 80.5503,
82.4863

■ 42.9687, 60.5534,
80.6437

■ 81.7602, 80.5505,
82.4888

■ 41.6633, 59.8805,
80.5801

■ 81.7607, 80.5507,
82.4913

■ 40.8902, 59.4820,
80.5414

■ 81.7611, 80.5509,
82.4938

■ 40.5318, 59.2973,
80.5222

■ 81.7616, 80.5511,
82.4963

Harmonies

Analogous

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



65.3006, 72.1240, 76.7021



65.4177, 72.1240, 81.7076



66.3661, 72.1240, 86.0305

Triad

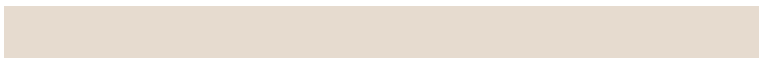
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.4177, 72.1240, 81.7076



71.1227, 72.1240, 85.0294



69.1972, 72.1240, 69.4436

Complementary

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



65.4177, 72.1240, 81.7076



63.5459, 63.5550, 66.0483

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.



70.7848, 72.1240, 71.4801



65.4177, 72.1240, 81.7076



71.9089, 72.1240, 80.3883

Square

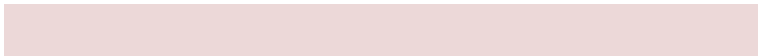
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.4177, 72.1240, 81.7076



69.6522, 72.1240, 88.0040



71.7842, 72.1240, 75.4374



67.4629, 72.1240, 69.7631

Rectangle

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



65.4177, 72.1240, 81.7076



67.3513, 72.1240, 87.8771



71.7842, 72.1240, 75.4374



69.7663, 72.1240, 69.8718

Sweetspot

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



65.4198, 72.1270, 81.7092



92.2911, 98.5778, 108.7699



62.8244, 71.1000, 67.5406



19.6003, 21.0204, 23.2740



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.



65.4198, 72.1270, 81.7092



85.4721, 95.0625, 108.4481



62.7569, 66.8005, 80.8237



14.1165, 15.5723, 17.6489



23.3444, 34.1626, 46.3979



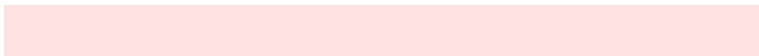
1.6181, 2.3680, 3.2162

Inverse Universe

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



63.5459, 63.5550, 66.0483



82.5542, 81.7144, 84.0614



66.0376, 68.5389, 66.8769



13.7074, 13.7006, 14.2292



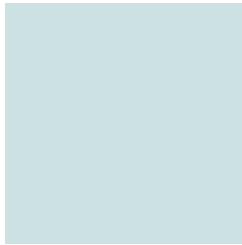
17.8933, 9.2243, 0.8382



1.2403, 0.6394, 0.0583

Previews

White Background



This preview shows how the XYZ color 65.4177, 72.1240, 81.7076 looks on a white background.

Color Contrast Check

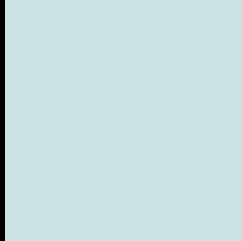
Large Text (above 18pt) WCAG AA × Fail

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 65.4177, 72.1240, 81.7076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

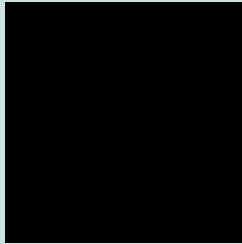
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

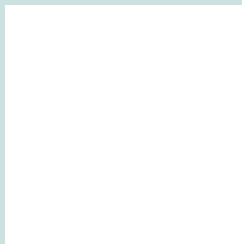
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4177, 72.1240, 81.7076

Background



This preview shows how black text looks on a background with the XYZ color 65.4177, 72.1240, 81.7076.

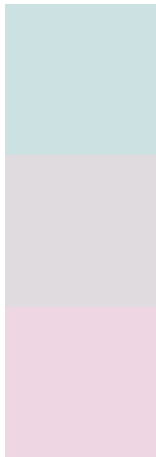


This preview shows how white text looks on a background with the XYZ color 65.4177, 72.1240,

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



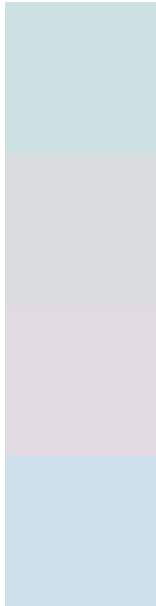
Original Color
65.4177, 72.1240, 81.7076
Protanopia
69.2568, 71.7843, 79.3128
Deuteranopia
73.5083, 71.9899, 82.6942



Tritanopia

67.8480, 72.3320, 92.8236

Trichromacy



Original Color

65.4177, 72.1240, 81.7076

Protanomaly

67.7910, 71.7923, 80.0964

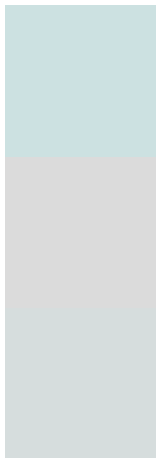
Deuteranomaly

70.1629, 71.8025, 82.1128

Tritanomaly

67.1046, 72.4313, 89.0411

Monochromacy



Original Color

65.4177, 72.1240, 81.7076

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.6392, 71.2295, 78.6430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4177, 72.1240, 81.7076 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, 225, 225) looks like.

```
.text, #text, p{  
    color:rgb(204, 225, 225)  
}
```

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, 225, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 225, 225) }
```

Border

The CSS property to change the border of an element to XYZ 65.4177, 72.1240, 81.7076 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, 225, 225) }
```


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

```
.border{ border-color:rgb(204, 225, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 225, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 225, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 225, 225);  
box-shadow:4px 4px 4px 4px rgb(204, 225,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4177, 72.1240, 81.7076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 225, 225) }
```

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

```
.background{ background-color: rgb(204,  
225, 225) }
```

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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