

Converting Colors

XYZ(57.3493, 65.7814, 72.6252)

Have a look what the booklet for
XYZ(57.3493, 65.7814, 72.6252)
contains.

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Color

**XYZ(57.3493, 65.7814,
72.6252)**

Conversions

Conversions Part 1

Format	Color
Hex	B9DBD5
RGB	185, 219, 213
RGB Percent	73%, 86%, 84%
CMY	0.2745, 0.1412, 0.1647
CMYK	0.16, 0.00, 0.03, 0.14
HSL	169°, 32%, 79%
HSV	169°, 16%, 86%
XYZ	57.3493, 65.7814, 72.6252
YIQ	208.1500, -18.3380, -9.0740

Conversions

Conversions Part 2

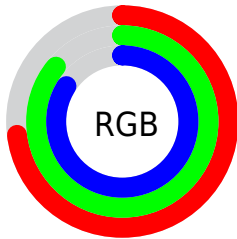
Format	Color
R _{YB}	185, 204, 219
Decimal	12180437
CIE Lab	84.88, -12.34, -0.81
CIE LCh	85, 12.368, 183.737
Yxy	65.7814, 0.2930, 0.3360
Android (android.graphics.Color)	4290370517 (0xFFB9DBD5)
YUV	208.1500, 2.3910, -20.3026
Hunter-Lab	81.1057, -15.7189, 3.6835

Details

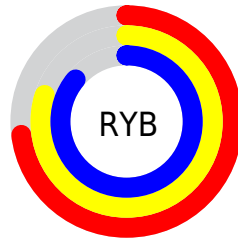
The XYZ color **57.3493, 65.7814, 72.6252** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.9687, 53.5213, 56.6738**, and the grayscale version is **60.0465, 63.1736, 68.7960**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **28.8071, 33.8448, 37.3622** is the 20% darker color. If you saturate the color by 10%, you get **51.9831, 63.0728, 69.8438**, and if you desaturate by 10%, it is **63.5448, 68.9197, 75.5093**.

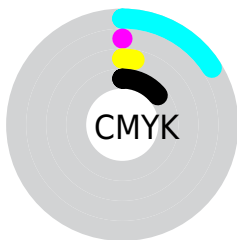
Distribution



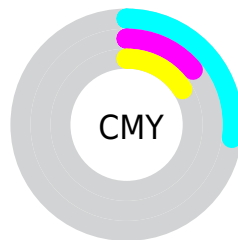
- Red (73%)
- Green (86%)
- Blue (84%)



- Red (73%)
- Yellow (80%)
- Blue (86%)



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)
- Black (14%)



- Cyan (27%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3493, 65.7814, 72.6252 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 57.3493, 65.7814, 72.6252 by changing the saturation by 10% instead.

■ 57.3493, 65.7814,
72.6252

■ 57.3493, 65.7814,
72.6252

404.7499,
445.5947, 488.7507

■ 41.5270, 48.0950,
53.1796

■ 100.1031,
113.1725, 124.6610

■ 28.9206, 33.9021,
37.5575

127.7653,
143.6460, 158.0882

■ 19.1647, 22.8184,
25.3402

160.1048,
179.1506, 197.0131

■ 11.8941, 14.4595,
16.1094

197.4870,
220.0708, 241.8541

■ 6.7433, 8.4409,
9.4464

240.2773,
266.7909, 293.0298

■ 3.3470, 4.3784,
4.9327

288.8410,

■ 1.3398, 1.8874,

319.6953, 350.9588

2.1498

343.5434,
379.1684, 416.0596

■ 0.2127, 0.5408,
0.6452

■ 0.0000, 0.0000,
0.0000

■ 57.3493, 65.7814,
72.6252

■ 57.3493, 65.7814,
72.6252

■ 51.9831, 63.0728,
69.8438

■ 63.5448, 68.9197,
75.5093

■ 47.4033, 60.7666,
67.1584

■ 70.5987, 72.4973,
78.4937

■ 43.5718, 58.8447,
64.5683

■ 78.5458, 76.5341,
81.5818

■ 40.4448, 57.2847,
62.0710

■ 80.6413, 77.5529,
84.4584

■ 37.9741, 56.0617,
59.6639

■ 81.1857, 77.7706,
87.3251

■ 36.1053, 55.1478,
57.3438

■ 81.7422, 77.9932,
90.2555

■ 34.7752, 54.5102,
55.1075

■ 82.3108, 78.2207,
93.2500

■ 33.9061, 54.1090,
52.9508

■ 82.8917, 78.4531,
96.3090

■ 33.6056, 53.9746,
52.0087

■ 83.4850, 78.6903,
99.4328

Harmonies

Analogous

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



57.8600, 65.7814, 65.0744



57.3493, 65.7814, 72.6252



58.1908, 65.7814, 80.4499

Triad

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



57.3493, 65.7814, 72.6252



65.5332, 65.7814, 85.0968



64.9138, 65.7814, 58.7782

Complementary

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



57.3493, 65.7814, 72.6252



55.9687, 53.5213, 56.6738

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.



67.0655, 65.7814, 63.4698



57.3493, 65.7814, 72.6252



67.4306, 65.7814, 78.6005

Square

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



57.3493, 65.7814, 72.6252



62.8716, 65.7814, 87.9786



67.9994, 65.7814, 70.6336



62.1762, 65.7814, 57.4346

Rectangle

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



57.3493, 65.7814, 72.6252



59.4204, 65.7814, 84.6641



67.9994, 65.7814, 70.6336



65.7322, 65.7814, 59.9980

Sweetspot

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



57.3512, 65.7841, 72.6267



90.1535, 97.5174, 106.7902



55.6350, 65.2753, 55.5670



19.1546, 20.8008, 22.7946



0.0000, 0.0000, 0.0000



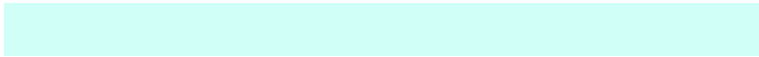
20.3446, 21.4041, 23.3091

Same Dimension

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



57.3512, 65.7841, 72.6267



78.0697, 91.4019, 101.0760



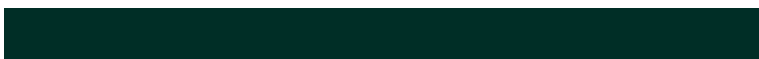
55.4085, 60.6567, 75.8086



13.3411, 14.7881, 16.2590



19.9622, 32.0175, 31.0298



1.3197, 2.0848, 2.1494

Inverse Universe

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



55.9687, 53.5213, 56.6738



75.7230, 70.5795, 73.9921



57.6599, 57.9395, 54.0444



13.1494, 13.0889, 14.0481



17.5644, 9.0268, 2.0864



1.1666, 0.5963, 0.2863

Previews

White Background



This preview shows how the XYZ color 57.3493, 65.7814, 72.6252 looks on a white background.

Color Contrast Check

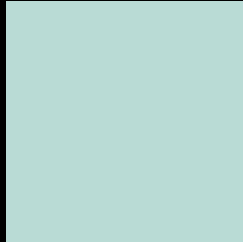
Large Text (above 18pt) WCAG AA × Fail

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 57.3493, 65.7814, 72.6252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

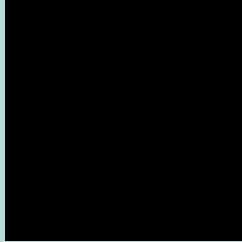
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

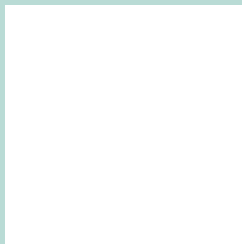
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3493, 65.7814, 72.6252

Background



This preview shows how black text looks on a background with the XYZ color 57.3493, 65.7814, 72.6252.

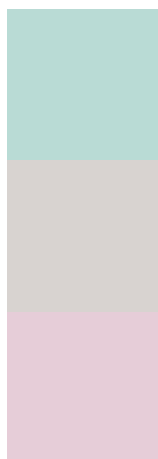


This preview shows how white text looks on a background with the XYZ color 57.3493, 65.7814,

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

57.3493, 65.7814, 72.6252

Protanopia

62.9983, 65.7415, 69.0435

Deuteranopia

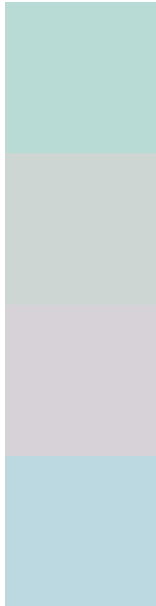
66.8591, 65.4435, 74.0738



Tritanopia

60.2501, 65.8137, 86.6186

Trichromacy



Original Color

57.3493, 65.7814, 72.6252

Protanomaly

60.8563, 65.7254, 70.4516

Deuteranomaly

63.0439, 65.2956, 73.5705

Tritanomaly

59.2794, 65.8081, 81.5294

Monochromacy



Original Color

57.3493, 65.7814, 72.6252

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.9958, 64.0195, 70.2204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3493, 65.7814, 72.6252 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(185, 219, 213)` looks like.

```
.text, #text, p{  
    color:rgb(185, 219, 213)  
}
```

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(185, 219, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 219, 213) }
```

Border

The CSS property to change the border of an element to XYZ 57.3493, 65.7814, 72.6252 is called "border". The border property can be set on classes, ids or directly on the HTML element.

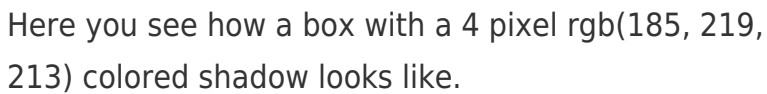
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 219, 213) }
```


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

```
.border{ border-color:rgb(185, 219, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 219, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 219, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 219, 213);  
box-shadow:4px 4px 4px 4px rgb(185, 219,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3493, 65.7814, 72.6252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 219, 213) }
```

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

```
.background{ background-color: rgb(185,  
219, 213) }
```

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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