

Converting Colors

XYZ(57.4220, 64.1368, 72.0719)

Have a look what the booklet for
XYZ(57.4220, 64.1368, 72.0719)
contains.

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Color

**XYZ(57.5459, 64.3521,
72.3390)**

Conversions

Conversions Part 1

Format	Color
Hex	BED7D5
RGB	190, 215, 213
RGB Percent	75%, 84%, 84%
CMY	0.2549, 0.1568, 0.1647
CMYK	0.12, 0.00, 0.01, 0.16
HSL	175°, 24%, 79%
HSV	175°, 12%, 84%
XYZ	57.5459, 64.3521, 72.3390
YIQ	207.2970, -14.2580, -5.9220

Conversions

Conversions Part 2

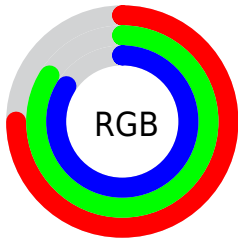
Format	Color
R _Y B	190, 203, 215
Decimal	12507093
CIE Lab	84.15, -8.69, -1.85
CIE LCh	84, 8.881, 191.992
Yxy	64.3521, 0.2963, 0.3313
Android (android.graphics.Color)	4290697173 (0xFFBED7D5)
YUV	207.2970, 2.8116, -15.1695
Hunter-Lab	80.2198, -12.3370, 2.6885

Details

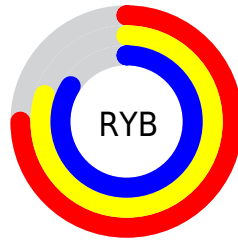
The XYZ color **57.5459, 64.3521, 72.3390** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9546, 55.0815, 57.5548**, and the grayscale version is **59.4902, 62.5883, 68.1586**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **28.8957, 32.8445, 37.1644** is the 20% darker color. If you saturate the color by 10%, you get **52.3499, 61.7004, 70.9618**, and if you desaturate by 10%, it is **63.5401, 67.4185, 73.7684**.

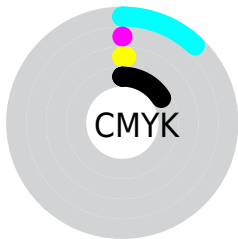
Distribution



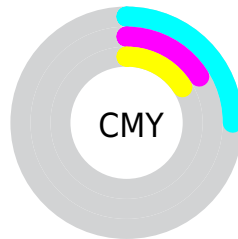
- Red (75%)
- Green (84%)
- Blue (84%)



- Red (75%)
- Yellow (80%)
- Blue (84%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



- Cyan (25%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5459, 64.3521, 72.3390 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 57.5459, 64.3521, 72.3390 by changing the saturation by 10% instead.

■ 57.5459, 64.3521,
72.3390

■ 57.5459, 64.3521,
72.3390

405.4729,
440.4600, 487.7299

■ 41.6855, 46.9359,
52.9471

■ 100.3881,
111.1179, 124.2506

■ 29.0452, 32.9850,
37.3731

128.1006,
141.2362, 157.6074

■ 19.2594, 22.1150,
25.1985

160.4945,
176.3574, 196.4562

■ 11.9630, 13.9414,
16.0046

197.9352,
216.8659, 241.2156

■ 6.7905, 8.0799,
9.3730

240.7880,
263.1460, 292.3041

■ 3.3766, 4.1461,
4.8852

289.4184,

■ 1.3559, 1.7556,

315.5821, 350.1403

2.1225

344.1915,
374.5587, 415.1427

■ 0.2245, 0.4593,
0.6291

■ 0.0000, 0.0000,
0.0000

■ 57.5459, 64.3521,
72.3390

■ 57.5459, 64.3521,
72.3390

■ 52.3499, 61.7004,
70.9618

■ 63.5401, 67.4185,
73.7684

■ 47.9121, 59.4374,
69.6308


■ 70.3593, 70.9083,
75.2472

■ 44.1971, 57.5469,
68.3457


■ 78.0362, 74.8400,
76.7783


■ 41.1647, 56.0079,
67.1046


■ 78.4455, 75.0248,
77.9815


 38.7707, 54.7979,
65.9053


 78.6747, 75.1165,
79.1886


 36.9658, 53.8912,
64.7455


 78.9063, 75.2091,
80.4081


 35.6934, 53.2588,
63.6226

 79.1403, 75.3027,
81.6401

 34.8856, 52.8656,
62.5332

 79.3766, 75.3972,
82.8845

 34.4692, 52.6703,
61.6426

 79.6153, 75.4927,
84.1415

Harmonies

Analogous

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



57.6444, 64.3521, 66.7791



57.5459, 64.3521, 72.3390



58.4017, 64.3521, 77.5534

Triad

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



57.5459, 64.3521, 72.3390



63.7253, 64.3521, 78.4150



62.3392, 64.3521, 60.2814

Complementary

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



57.5459, 64.3521, 72.3390



55.9546, 55.0815, 57.5548

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.



64.0136, 64.3521, 63.0813



57.5459, 64.3521, 72.3390



64.8256, 64.3521, 73.4642

Square

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



57.5459, 64.3521, 72.3390



61.9525, 64.3521, 81.1850



64.9322, 64.3521, 67.8460



60.3837, 64.3521, 60.0161

Rectangle

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



57.5459, 64.3521, 72.3390



59.4091, 64.3521, 80.0538



64.9322, 64.3521, 67.8460



62.9546, 64.3521, 60.9501

Sweetspot

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



57.5477, 64.3548, 72.3404



92.1928, 98.5384, 108.2520



55.3560, 63.5386, 58.0629



19.5736, 21.0097, 23.1336



0.0000, 0.0000, 0.0000



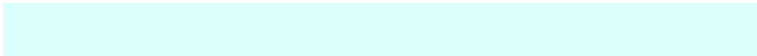
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5477, 64.3548, 72.3404



82.6566, 93.6638, 105.9342



55.2346, 59.3192, 72.8316



12.7473, 14.0899, 15.7495



20.6343, 31.5091, 36.9654



1.2576, 1.9057, 2.2981

Inverse Universe

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



55.9546, 55.0815, 57.5548



79.8561, 77.3622, 79.9433



58.0718, 59.6688, 57.1729



12.4632, 12.4368, 13.1136



16.8391, 8.6720, 1.1908



1.0300, 0.5288, 0.1475

Previews

White Background



This preview shows how the XYZ color 57.5459, 64.3521, 72.3390 looks on a white background.

Color Contrast Check

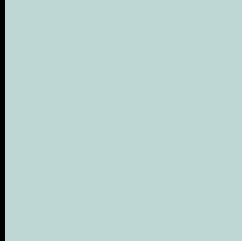
Large Text (above 18pt) WCAG AA × Fail

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 57.5459, 64.3521, 72.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

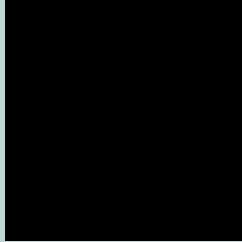
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

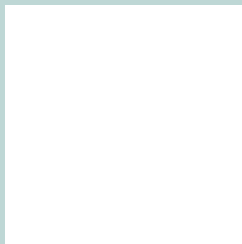
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5459, 64.3521, 72.3390

Background



This preview shows how black text looks on a background with the XYZ color 57.5459, 64.3521, 72.3390.

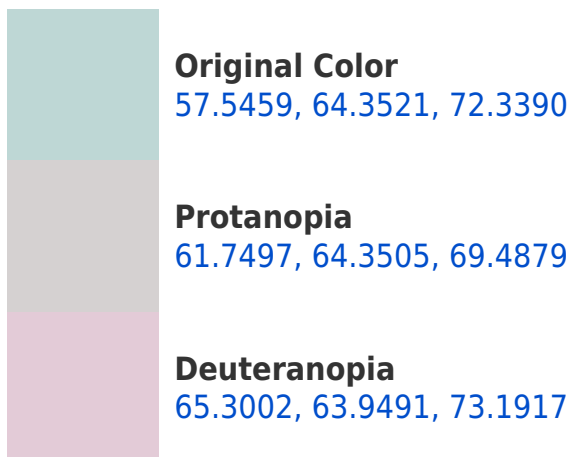


This preview shows how white text looks on a background with the XYZ color 57.5459, 64.3521,

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

59.6787, 64.0816, 83.3523

Trichromacy



Original Color

57.5459, 64.3521, 72.3390

Protanomaly

60.1040, 64.2208, 70.2008

Deuteranomaly

62.1820, 63.7768, 72.6511

Tritanomaly

58.8518, 64.1227, 79.0871

Monochromacy



Original Color

57.5459, 64.3521, 72.3390

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.6426, 63.1141, 69.4131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5459, 64.3521, 72.3390 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(190, 215, 213)` looks like.

```
.text, #text, p{  
    color:rgb(190, 215, 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(190, 215, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 215, 213) }
```

Border

The CSS property to change the border of an element to XYZ 57.5459, 64.3521, 72.3390 is called "border". The border property can be set on classes, ids or directly on the HTML element.

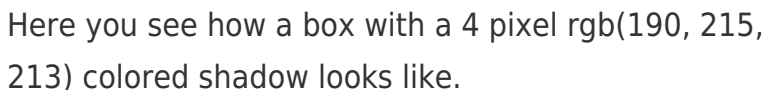
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 215, 213) }
```


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

```
.border{ border-color:rgb(190, 215, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(190, 215, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 215, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 215, 213); box-shadow:4px 4px 4px 4px rgb(190, 215, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5459, 64.3521, 72.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 215, 213) }
```

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

```
.background{ background-color: rgb(190,  
215, 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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