

Converting Colors

XYZ(57.8357, 64.1464, 73.3659)

Have a look what the booklet for
XYZ(57.8357, 64.1464, 73.3659)
contains.

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Color

**XYZ(57.7982, 64.0758,
73.6116)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD6D7
RGB	191, 214, 215
RGB Percent	75%, 84%, 84%
CMY	0.2510, 0.1608, 0.1569
CMYK	0.11, 0.00, 0.00, 0.16
HSL	182°, 23%, 80%
HSV	182°, 11%, 84%
XYZ	57.7982, 64.0758, 73.6116
YIQ	207.2370, -14.0290, -4.5650

Conversions

Conversions Part 2

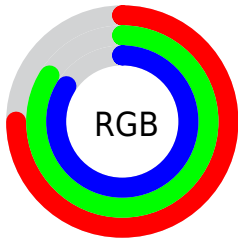
Format	Color
R_{YB}	191, 203, 215
Decimal	12572375
CIE Lab	84.01, -7.45, -3.11
CIE LCh	84, 8.074, 202.656
Yxy	64.0758, 0.2957, 0.3278
Android (android.graphics.Color)	4290762455 (0xFFBFD6D7)
YUV	207.2370, 3.8272, -14.2398
Hunter-Lab	80.0474, -11.1970, 1.5100

Details

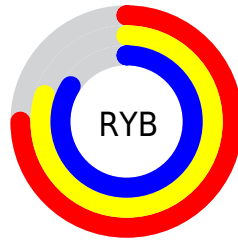
The XYZ color **57.7982, 64.0758, 73.6116** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2784, 55.9078, 57.1165**, and the grayscale version is **59.4450, 62.5408, 68.1069**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **29.0598, 32.6527, 38.0287** is the 20% darker color. If you saturate the color by 10%, you get **52.5583, 61.0416, 73.3031**, and if you desaturate by 10%, it is **63.8367, 67.5270, 73.9605**.

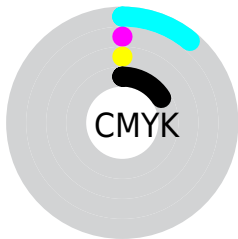
Distribution



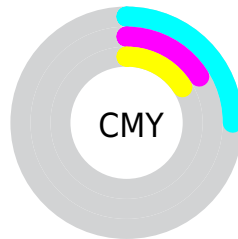
- Red (75%)
- Green (84%)
- Blue (84%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7982, 64.0758, 73.6116 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 57.7982, 64.0758, 73.6116 by changing the saturation by 10% instead.

■ 57.7982, 64.0758,
73.6116

■ 57.7982, 64.0758,
73.6116

406.3996,
439.4633, 492.2593

■ 41.8891, 46.7121,
53.9813

■ 100.7536,
110.7201, 126.0740

■ 29.2052, 32.8081,
38.1937

128.5306,
140.7694, 159.7433

■ 19.3811, 21.9795,
25.8300

160.9942,
175.8161, 198.9293

■ 12.0516, 13.8418,
16.4719

198.5098,
216.2445, 244.0505

■ 6.8513, 8.0107,
9.7007

241.4428,
262.4391, 295.5256

■ 3.4148, 4.1018,
5.0980

290.1585,

■ 1.3767, 1.7307,

314.7841, 353.7731

2.2451

345.0223,
373.6641, 419.2115

■ 0.2395, 0.4434,
0.7002

■ 0.0000, 0.0000,
0.0000

■ 57.7982, 64.0758,
73.6116

■ 57.7982, 64.0758,
73.6116

■ 52.5583, 61.0416,
73.3031

■ 63.8367, 67.5270,
73.9605

■ 48.0771, 58.3987,
73.0292

■ 70.7007, 71.4038,
74.3470

■ 44.3194, 56.1306,
72.7894

■ 78.2374, 75.6293,
74.7654

■ 41.2452, 54.2166,
72.5820

■ 78.4678, 76.0901,
74.8422

■ 38.8106, 52.6342,
72.4049

■ 78.6994, 76.5534,
74.9194

■ 36.9663, 51.3579,
72.2558

■ 78.9323, 77.0192,
74.9970

■ 35.6563, 50.3589,
72.1320

■ 79.1665, 77.4875,
75.0751

■ 34.8134, 49.6026,
72.0304

■ 79.4019, 77.9583,
75.1535

■ 34.3542, 49.0829,
71.9543

■ 79.6385, 78.4316,
75.2324

Harmonies

Analogous

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



57.5706, 64.0758, 68.5223



57.7982, 64.0758, 73.6116



58.8497, 64.0758, 77.8534

Triad

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



57.7982, 64.0758, 73.6116



63.6636, 64.0758, 75.8835



61.3406, 64.0758, 60.4913

Complementary

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



57.7982, 64.0758, 73.6116



56.2784, 55.9078, 57.1165

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.



63.0017, 64.0758, 62.2621



57.7982, 64.0758, 73.6116



64.3598, 64.0758, 71.0280

Square

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



57.7982, 64.0758, 73.6116



62.2299, 64.0758, 79.2090



64.1152, 64.0758, 66.0599



59.5933, 64.0758, 61.1080

Rectangle

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



57.7982, 64.0758, 73.6116



59.8876, 64.0758, 79.5476



64.1152, 64.0758, 66.0599



61.9280, 64.0758, 60.8240

Sweetspot

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



57.8000, 64.0785, 73.6130



92.1900, 98.3753, 108.7371



55.2797, 63.4753, 59.0926



19.5729, 20.9655, 23.2651



0.0000, 0.0000, 0.0000



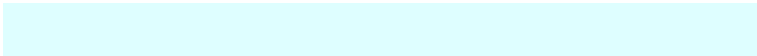
20.3446, 21.4041, 23.3091

Same Dimension

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



57.8000, 64.0785, 73.6130



83.4505, 93.3705, 108.2317



54.9202, 58.3188, 72.6531



12.7459, 14.0153, 15.9710



20.5677, 29.3971, 43.0433



1.2546, 1.8011, 2.6008

Inverse Universe

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



58.7942, 56.5651, 71.4408



85.1505, 80.5545, 104.5103



58.9748, 61.3005, 58.0153



12.9297, 12.6234, 15.5701



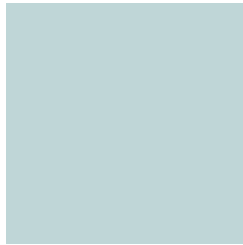
23.4405, 11.3125, 35.9532



1.4209, 0.6851, 2.2058

Previews

White Background



This preview shows how the XYZ color 57.7982, 64.0758, 73.6116 looks on a white background.

Color Contrast Check

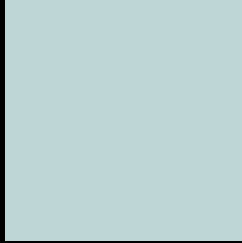
Large Text (above 18pt) WCAG AA × Fail

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 57.7982, 64.0758, 73.6116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

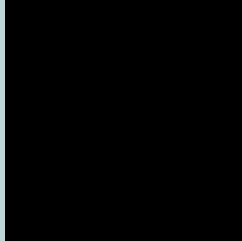
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7982, 64.0758, 73.6116

Background



This preview shows how black text looks on a background with the XYZ color 57.7982, 64.0758, 73.6116.



This preview shows how white text looks on a background with the XYZ color 57.7982, 64.0758,

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

57.7982, 64.0758, 73.6116

Protanopia

61.5909, 63.8623, 71.3678

Deuteranopia

65.2444, 63.8904, 74.5390



Tritanopia

59.6787, 64.0816, 83.3523

Trichromacy



Original Color

57.7982, 64.0758, 73.6116

Protanomaly

59.9587, 63.7347, 72.0926

Deuteranomaly

62.1481, 63.7296, 73.9912

Tritanomaly

58.9870, 64.1768, 79.7994

Monochromacy



Original Color

57.7982, 64.0758, 73.6116

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.7668, 63.1638, 70.0673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7982, 64.0758, 73.6116 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(191, 214, 215)` looks like.

```
.text, #text, p{  
    color:rgb(191, 214, 215)  
}
```

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(191, 214, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 214, 215) }
```

Border

The CSS property to change the border of an element to XYZ 57.7982, 64.0758, 73.6116 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(191, 214, 215) }
```


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

```
.border{ border-color:rgb(191, 214, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 214, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 214, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 214, 215);  
box-shadow:4px 4px 4px 4px rgb(191, 214,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7982, 64.0758, 73.6116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 214, 215) }
```

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

```
.background{ background-color: rgb(191,  
214, 215) }
```

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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