

Converting Colors

XYZ(57.1598, 64.0269, 72.2855)

Have a look what the booklet for
XYZ(57.1598, 64.0269, 72.2855)
contains.

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Color

**XYZ(57.2969, 64.2238,
72.3273)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD7D5
RGB	189, 215, 213
RGB Percent	74%, 84%, 84%
CMY	0.2588, 0.1568, 0.1647
CMYK	0.12, 0.00, 0.01, 0.16
HSL	175°, 25%, 79%
HSV	175°, 12%, 84%
XYZ	57.2969, 64.2238, 72.3273
YIQ	206.9980, -14.8540, -6.1340

Conversions

Conversions Part 2

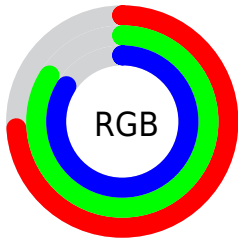
Format	Color
RYB	189, 203, 215
Decimal	12441557
CIELab	84.08, -9.01, -1.95
CIElCh	84, 9.220, 192.215
Yxy	64.2238, 0.2956, 0.3313
Android (android.graphics.Color)	4290631637 (0xFFBDD7D5)
YUV	206.9980, 2.9590, -15.7842
Hunter-Lab	80.1398, -12.6238, 2.5877

Details

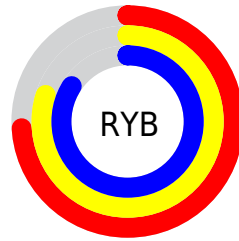
The XYZ color **57.2969, 64.2238, 72.3273** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6282, 54.6055, 56.9011**, and the grayscale version is **59.2968, 62.3848, 67.9371**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **28.7340, 32.7611, 37.1568** is the 20% darker color. If you saturate the color by 10%, you get **52.1453, 61.5939, 70.9955**, and if you desaturate by 10%, it is **63.2450, 67.2675, 73.7103**.

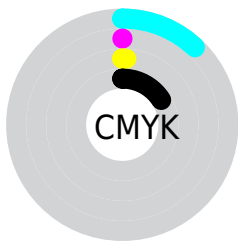
Distribution



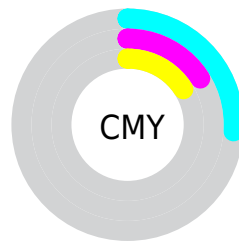
- Red (74%)
- Green (84%)
- Blue (84%)



- Red (74%)
- Yellow (80%)
- Blue (84%)



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



- Cyan (26%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2969, 64.2238, 72.3273 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 57.2969, 64.2238, 72.3273 by changing the saturation by 10% instead.

■ 57.2969, 64.2238,
72.3273

■ 57.2969, 64.2238,
72.3273

404.5571,
439.9974, 487.6881

■ 41.4847, 46.8320,
52.9376

■ 100.0271,
110.9332, 124.2338

■ 28.8874, 32.9028,
37.3656

127.6759,
141.0195, 157.5877

■ 19.1395, 22.0520,
25.1927

160.0009,
176.1061, 196.4334

■ 11.8757, 13.8951,
16.0003

197.3675,
216.5774, 241.1895

■ 6.7307, 8.0478,
9.3700

240.1411,
262.8178, 292.2744

■ 3.3391, 4.1255,
4.8832

288.6870,

■ 1.3355, 1.7440,

315.2117, 350.1068

2.1214

343.3705,
374.1434, 415.1052

■ 0.2096, 0.4519,
0.6284

■ 0.0000, 0.0000,
0.0000

■ 57.2969, 64.2238,
72.3273

■ 57.2969, 64.2238,
72.3273

■ 52.1453, 61.5939,
70.9955

■ 63.2450, 67.2675,
73.7103

■ 47.7499, 59.3520,
69.7089


■ 70.0165, 70.7337,
75.1417


■ 44.0754, 57.4814,
68.4673


■ 77.6441, 74.6409,
76.6244


■ 41.0814, 55.9614,
67.2685


■ 78.4106, 75.0109,
77.7974

 38.7235, 54.7690,
66.1107


 78.6306, 75.0989,
78.9561


 36.9520, 53.8787,
64.9913


 78.8528, 75.1878,
80.1263


 35.7100, 53.2611,
63.9077

 79.0772, 75.2775,
81.3080

 34.9289, 52.8809,
62.8567

 79.3038, 75.3682,
82.5012

 34.5456, 52.7009,
62.0444

 79.5326, 75.4597,
83.7061

Harmonies

Analogous

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



57.3913, 64.2238, 66.5606



57.2969, 64.2238, 72.3273



58.1897, 64.2238, 77.7339

Triad

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



57.2969, 64.2238, 72.3273



63.7105, 64.2238, 78.5633



62.2461, 64.2238, 59.7893

Complementary

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



57.2969, 64.2238, 72.3273



55.6282, 54.6055, 56.9011

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.



63.9876, 64.2238, 62.6645



57.2969, 64.2238, 72.3273



64.8460, 64.2238, 73.4087

Square

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



57.2969, 64.2238, 72.3273



61.8746, 64.2238, 81.4661



64.9485, 64.2238, 67.5839



60.2184, 64.2238, 59.5357

Rectangle

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



57.2969, 64.2238, 72.3273



59.2364, 64.2238, 80.3215



64.9485, 64.2238, 67.5839



62.8855, 64.2238, 60.4736

Sweetspot

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



57.2987, 64.2265, 72.3287



91.2702, 98.0660, 108.0640



55.0154, 63.3757, 57.4782



19.3881, 20.9147, 23.0968



0.0000, 0.0000, 0.0000



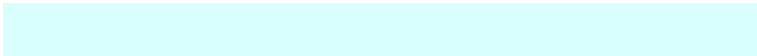
20.3446, 21.4041, 23.3091

Same Dimension

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



57.2987, 64.2265, 72.3287



81.8801, 93.2651, 105.8261



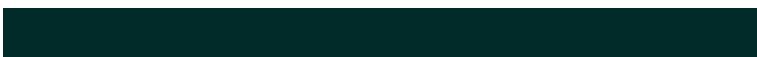
54.8863, 58.9922, 72.7870



12.7490, 14.0906, 15.7586



20.6793, 31.5271, 37.2023



1.2598, 1.9066, 2.3100

Inverse Universe

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



55.6282, 54.6055, 56.9011



78.8666, 75.9082, 77.9948



57.8276, 59.3547, 56.5538



12.4617, 12.4362, 13.1055



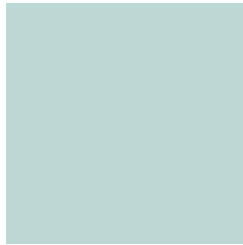
16.8356, 8.6706, 1.1725



1.0293, 0.5285, 0.1437

Previews

White Background



This preview shows how the XYZ color 57.2969, 64.2238, 72.3273 looks on a white background.

Color Contrast Check

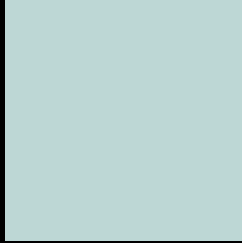
Large Text (above 18pt) WCAG AA × Fail

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 57.2969, 64.2238, 72.3273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

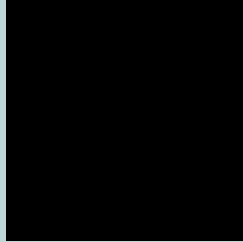
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

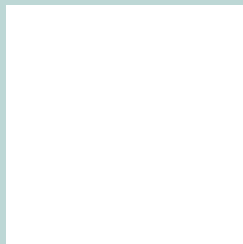
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.2969, 64.2238, 72.3273

Background



This preview shows how black text looks on a background with the XYZ color 57.2969, 64.2238, 72.3273.



This preview shows how white text looks on a background with the XYZ color 57.2969, 64.2238,

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

57.2969, 64.2238, 72.3273

Protanopia

61.5051, 63.8613, 69.4064

Deuteranopia

65.3002, 63.9491, 73.1917



Tritanopia

59.4246, 63.9506, 83.3404

Trichromacy



Original Color

57.2969, 64.2238, 72.3273

Protanomaly

59.8290, 64.0790, 70.1879

Deuteranomaly

61.8910, 63.6268, 72.6375

Tritanomaly

58.5994, 63.9926, 79.0753

Monochromacy



Original Color

57.2969, 64.2238, 72.3273

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.3746, 62.9760, 69.4005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2969, 64.2238, 72.3273 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(189, 215, 213)` looks like.

```
.text, #text, p{  
    color:rgb(189, 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(189, 215, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 215, 213) }
```

Border

The CSS property to change the border of an element to XYZ 57.2969, 64.2238, 72.3273 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(189, 215, 213) }
```


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

```
.border{ border-color:rgb(189, 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(189, 215, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 215, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 215, 213);  
box-shadow:4px 4px 4px 4px rgb(189, 215,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2969, 64.2238, 72.3273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 215, 213) }
```

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

```
.background{ background-color: rgb(189,  
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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