

Converting Colors

XYZ(55.6476, 57.3761, 73.4358)

Have a look what the booklet for
XYZ(55.6476, 57.3761, 73.4358)
contains.

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Color

**XYZ(55.6147, 57.2164,
73.0784)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C6D8
RGB	197, 198, 216
RGB Percent	77%, 78%, 85%
CMY	0.2274, 0.2235, 0.1529
CMYK	0.09, 0.08, 0.00, 0.15
HSL	237°, 20%, 81%
HSV	237°, 9%, 85%
XYZ	55.6147, 57.2164, 73.0784
YIQ	199.7530, -6.3740, 5.3860

Conversions

Conversions Part 2

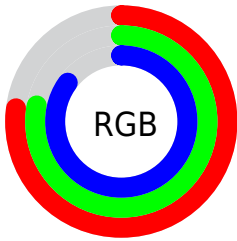
Format	Color
RYB	197, 198, 216
Decimal	12961496
CIELab	80.30, 3.11, -9.07
CIELCh	80, 9.591, 288.933
Yxy	57.2164, 0.2991, 0.3078
Android (android.graphics.Color)	4291151576 (0xFFC5C6D8)
YUV	199.7530, 8.0098, -2.4144
Hunter-Lab	75.6415, -1.1323, -4.3319

Details

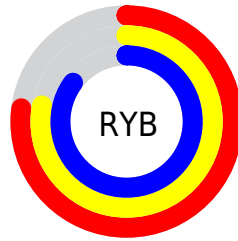
The XYZ color **55.6147, 57.2164, 73.0784** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6975, 67.2303, 62.4965**, and the grayscale version is **54.7043, 57.5532, 62.6755**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **27.7340, 28.3594, 37.7304** is the 20% darker color. If you saturate the color by 10%, you get **45.9943, 45.7785, 71.3786**, and if you desaturate by 10%, it is **66.6806, 70.3403, 75.0292**.

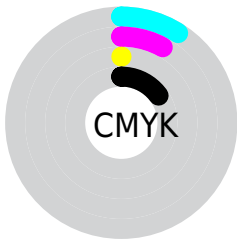
Distribution



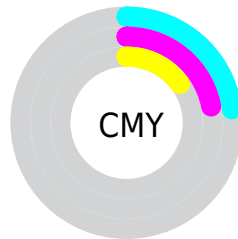
- Red (77%)
- Green (78%)
- Blue (85%)



- Red (77%)
- Yellow (78%)
- Blue (85%)



- Cyan (9%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (23%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6147, 57.2164, 73.0784 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 55.6147, 57.2164, 73.0784 by changing the saturation by 10% instead.

■ 55.6147, 57.2164,
73.0784

■ 55.6147, 57.2164,
73.0784

398.3365,
414.2597, 490.3646

■ 40.1299, 41.1790,
53.5479

97.5841, 100.7809,
125.3105

■ 27.8245, 28.4590,
37.8496

124.7994,
129.0767, 158.8490

■ 18.3332, 18.6719,
25.5650

156.6555,
162.2276, 197.8941

■ 11.2906, 11.4335,
16.2757

193.5178,
200.6177, 242.8641

■ 6.3314, 6.3592,
9.5630

235.7517,
244.6316, 294.1776

■ 3.0902, 3.0647,
5.0084

283.7226,

■ 1.2016, 1.1656,

294.6537, 352.2531

2.1934

337.7957,
351.0682, 417.5093

■ 0.1077, 0.0333,
0.6705

■ 0.0000, 0.0000,
0.0000

■ 55.6147, 57.2164,
73.0784

■ 55.6147, 57.2164,
73.0784

■ 45.9943, 45.7785,
71.3786

■ 66.6806, 70.3403,
75.0292

■ 37.7549, 35.9513,
69.9160

■ 79.2429, 85.2071,
77.2367

■ 30.8346, 27.6648,
68.6813

■ 89.3948, 97.7379,
79.1203

■ 25.1648, 20.8407,
67.6630

■ 20.6709, 15.3941,
66.8485

■ 17.2700, 11.2311,
66.2242

■ 14.8687, 8.2463,
65.7747

■ 13.3577, 6.3175,
65.4820

■ 12.5827, 5.2852,
65.3236

Harmonies

Analogous

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



53.6621, 57.2164, 73.5055



55.6147, 57.2164, 73.0784



57.2742, 57.2164, 69.6634

Triad

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



55.6147, 57.2164, 73.0784



56.8966, 57.2164, 54.5091



50.7664, 57.2164, 60.2495

Complementary

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



55.6147, 57.2164, 73.0784



62.6975, 67.2303, 62.4965

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.



51.5897, 57.2164, 55.4727



55.6147, 57.2164, 73.0784



55.1093, 57.2164, 52.2935

Square

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



55.6147, 57.2164, 73.0784



58.0265, 57.2164, 58.8615



53.1686, 57.2164, 52.6353



50.8943, 57.2164, 65.8677

Rectangle

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



55.6147, 57.2164, 73.0784



57.9764, 57.2164, 66.2606



53.1686, 57.2164, 52.6353



50.9403, 57.2164, 58.4984

Sweetspot

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



55.6164, 57.2188, 73.0797



90.0231, 94.0414, 108.0148



59.8142, 65.8756, 73.6741



18.9882, 19.7962, 23.0702



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.



55.6164, 57.2188, 73.0797



77.5749, 79.2670, 105.8192



57.6031, 57.9037, 73.1072



11.7947, 12.1128, 15.6539



7.4343, 3.1304, 38.6655



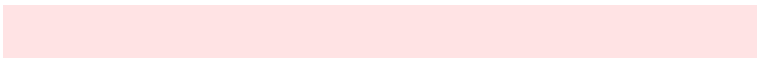
0.4673, 0.2267, 2.3384

Inverse Universe

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



58.4795, 58.6098, 61.6596



82.7589, 81.7962, 85.1393



60.5817, 66.5200, 62.4709



12.4496, 12.4313, 13.0417



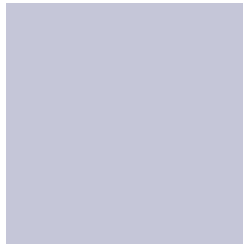
16.8113, 8.6609, 1.0447



1.0235, 0.5262, 0.1133

Previews

White Background



This preview shows how the XYZ color 55.6147, 57.2164, 73.0784 looks on a white background.

Color Contrast Check

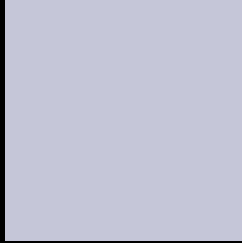
Large Text (above 18pt) WCAG AA × Fail

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 55.6147, 57.2164, 73.0784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

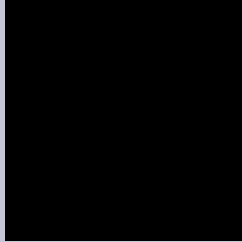
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6147, 57.2164, 73.0784

Background



This preview shows how black text looks on a background with the XYZ color 55.6147, 57.2164, 73.0784.

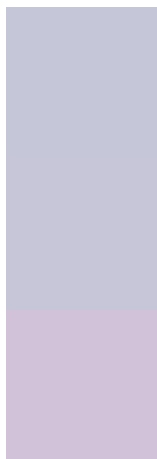


This preview shows how white text looks on a background with the XYZ color 55.6147, 57.2164,

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

55.6147, 57.2164, 73.0784

Protanopia

55.8775, 57.3518, 73.0907

Deuteranopia

58.3945, 57.2950, 73.6270



Tritanopia

55.3576, 57.1135, 71.7247

Trichromacy



Original Color

55.6147, 57.2164, 73.0784

Protanomaly

55.8775, 57.3518, 73.0907

Deuteranomaly

57.2163, 57.0191, 73.6358

Tritanomaly

55.4858, 57.1648, 72.3995

Monochromacy



Original Color

55.6147, 57.2164, 73.0784

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.1172, 57.4452, 66.5756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6147, 57.2164, 73.0784 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(197, 198, 216)` looks like.

```
.text, #text, p{  
    color:rgb(197, 198, 216)  
}
```

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(197, 198, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 216) }
```

Border

The CSS property to change the border of an element to XYZ 55.6147, 57.2164, 73.0784 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(197, 198, 216) }
```


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

```
.border{ border-color:rgb(197, 198, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 198, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 198, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 198, 216);  
box-shadow:4px 4px 4px 4px rgb(197, 198,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6147, 57.2164, 73.0784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 198, 216) }
```

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

```
.background{ background-color: rgb(197,  
198, 216) }
```

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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