

Converting Colors

XYZ(57.7327, 56.0573, 73.2526)

Have a look what the booklet for
XYZ(57.7327, 56.0573, 73.2526)
contains.

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Color

**XYZ(57.7335, 55.9730,
73.4066)**

Conversions

Conversions Part 1

Format	Color
Hex	D2BFD9
RGB	210, 191, 217
RGB Percent	82%, 75%, 85%
CMY	0.1765, 0.2510, 0.1490
CMYK	0.03, 0.12, 0.00, 0.15
HSL	284°, 25%, 80%
HSV	284°, 12%, 85%
XYZ	57.7335, 55.9730, 73.4066
YIQ	199.6450, 2.9780, 12.1140

Conversions

Conversions Part 2

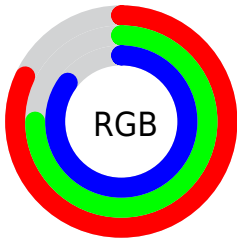
Format	Color
R_{YB}	210, 191, 217
Decimal	13811673
CIE _{Lab}	79.60, 11.39, -10.54
CIE _{LCh}	80, 15.519, 317.195
Yxy	55.9730, 0.3085, 0.2991
Android (android.graphics.Color)	4292001753 (0xFFD2BFD9)
YUV	199.6450, 8.5560, 9.0813
Hunter-Lab	74.8151, 6.8189, -5.8032

Details

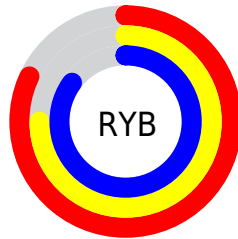
The XYZ color **57.7335, 55.9730, 73.4066** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **57.5076, 65.3945, 58.8845**, and the grayscale version is **54.6307, 57.4757, 62.5910**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **29.1276, 27.7542, 38.0043** is the 20% darker color. If you saturate the color by 10%, you get **51.7146, 46.3591, 71.8690**, and if you desaturate by 10%, it is **64.5176, 67.0253, 75.1832**.

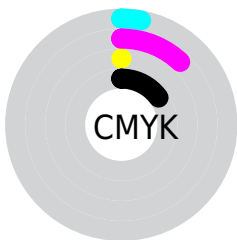
Distribution



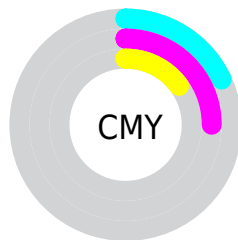
- Red (82%)
- Green (75%)
- Blue (85%)



- Red (82%)
- Yellow (75%)
- Blue (85%)



- Cyan (3%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



- Cyan (18%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7335, 55.9730, 73.4066 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 57.7335, 55.9730, 73.4066 by changing the saturation by 10% instead.

■ 57.7335, 55.9730,
73.4066

■ 57.7335, 55.9730,
73.4066

406.1621,
409.5897, 491.5313

■ 41.8369, 40.1813,
53.8147

■ 100.6599, 98.9651,
125.7805

■ 29.1641, 27.6799,
38.0613

128.4203,
126.9343, 159.3996

■ 19.3499, 18.0845,
25.7281

160.8661,
159.7314, 198.5314

■ 12.0289, 11.0107,
16.3964

198.3625,
197.7408, 243.5946

■ 6.8357, 6.0740,
9.6477

241.2750,
241.3470, 295.0076

■ 3.4050, 2.8901,
5.0635

289.9688,

■ 1.3714, 1.0746,

290.9342, 353.1891

2.2252

344.8094,
346.8870, 418.5575

■ 0.2357, 0.0000,
0.6888

■ 0.0000, 0.0000,
0.0000

■ 57.7335, 55.9730,
73.4066

■ 57.7335, 55.9730,
73.4066

■ 51.7146, 46.3591,
71.8690

■ 64.5176, 67.0253,
75.1832

■ 46.4245, 38.1145,
70.5565

■ 72.0914, 79.5667,
77.2047

■ 41.8313, 31.1754,
69.4592

■ 80.1306, 92.9471,
79.3637

■ 37.8984, 25.4698,
68.5651

■ 82.0108, 93.9164,
79.4517

■ 34.5860, 20.9187,
67.8613

■ 83.9542, 94.9182,
79.5426

■ 31.8494, 17.4339,
67.3329

■ 85.9614, 95.9530,
79.6366

■ 29.6373, 14.9138,
66.9631

■ 88.0330, 97.0209,
79.7335

■ 27.8884, 13.2371,
66.7316

■ 89.5245, 97.7898,
79.8033

■ 26.7378, 12.3370,
66.6185

Harmonies

Analogous

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



54.9974, 55.9730, 78.9134



57.7335, 55.9730, 73.4066



59.2798, 55.9730, 64.8406

Triad

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



57.7335, 55.9730, 73.4066



54.5440, 55.9730, 45.6529



47.6627, 55.9730, 66.1769

Complementary

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



57.7335, 55.9730, 73.4066



57.5076, 65.3945, 58.8845

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.



47.5520, 55.9730, 57.2088



57.7335, 55.9730, 73.4066



51.4435, 55.9730, 45.9350

Square

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



57.7335, 55.9730, 73.4066



57.3904, 55.9730, 49.1678



48.9115, 55.9730, 49.9803



49.2200, 55.9730, 74.4671

Rectangle

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



57.7335, 55.9730, 73.4066



59.3896, 55.9730, 58.8144



48.9115, 55.9730, 49.9803



47.4573, 55.9730, 63.1266

Sweetspot

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



57.7352, 55.9754, 73.4078



90.8787, 93.1467, 107.7970



54.2905, 56.6446, 73.7185



19.2883, 19.6697, 23.0300



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.



57.7352, 55.9754, 73.4078



81.2514, 77.5219, 105.2886



59.0517, 56.7373, 69.7097



13.2546, 13.0894, 16.4800



16.2909, 7.5225, 40.3318



1.1358, 0.5288, 2.6166

Inverse Universe

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



57.4411, 56.0931, 61.2285



80.7805, 77.7320, 84.8109



56.3368, 64.7179, 62.1283



13.1993, 13.1088, 14.3109



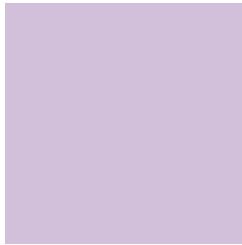
17.8290, 9.1326, 3.4797



1.1908, 0.6060, 0.4137

Previews

White Background



This preview shows how the XYZ color 57.7335, 55.9730, 73.4066 looks on a white background.

Color Contrast Check

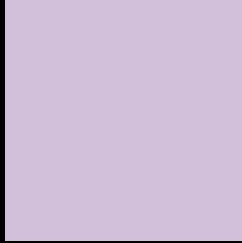
Large Text (above 18pt) WCAG AA × Fail

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 57.7335, 55.9730, 73.4066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

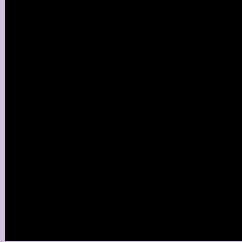
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7335, 55.9730, 73.4066

Background



This preview shows how black text looks on a background with the XYZ color 57.7335, 55.9730, 73.4066.



This preview shows how white text looks on a background with the XYZ color 57.7335, 55.9730,

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

57.7335, 55.9730, 73.4066

Protanopia

54.9063, 56.1165, 75.6478

Deuteranopia

57.1061, 55.9744, 73.4400



Tritanopia

56.7496, 56.2493, 67.5407

Trichromacy



Original Color

57.7335, 55.9730, 73.4066

Protanomaly

55.8974, 55.9774, 74.8764

Deuteranomaly

57.3864, 56.1189, 73.4531

Tritanomaly

56.9020, 55.9577, 69.4299

Monochromacy



Original Color

57.7335, 55.9730, 73.4066

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.0087, 57.2261, 66.4863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7335, 55.9730, 73.4066 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(210, 191, 217)` looks like.

```
.text, #text, p{  
    color:rgb(210, 191, 217)  
}
```

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(210, 191, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 191, 217) }
```

Border

The CSS property to change the border of an element to XYZ 57.7335, 55.9730, 73.4066 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(210, 191, 217) }
```


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

```
.border{ border-color:rgb(210, 191, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 191, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 191, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 191, 217);  
box-shadow:4px 4px 4px 4px rgb(210, 191,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7335, 55.9730, 73.4066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 191, 217) }
```

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

```
.background{ background-color: rgb(210,  
191, 217) }
```

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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