

Converting Colors

XYZ(55.7301, 55.2393, 74.6073)

Have a look what the booklet for
XYZ(55.7301, 55.2393, 74.6073)
contains.

XYZ(55.7232, 55.2313, 74.7416)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.7232, 55.2313,
74.7416)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C0DB
RGB	201, 192, 219
RGB Percent	79%, 75%, 86%
CMY	0.2118, 0.2470, 0.1412
CMYK	0.08, 0.12, 0.00, 0.14
HSL	260°, 27%, 81%
HSV	260°, 12%, 86%
XYZ	55.7232, 55.2313, 74.7416
YIQ	197.7690, -3.3030, 10.3050

Conversions

Conversions Part 2

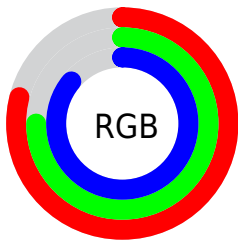
Format	Color
R_{YB}	201, 192, 219
Decimal	13222107
CIE _{Lab}	79.17, 8.24, -12.33
CIE _{LCh}	79, 14.833, 303.750
Yxy	55.2313, 0.3001, 0.2974
Android (android.graphics.Color)	4291412187 (0xFFC9C0DB)
YUV	197.7690, 10.4669, 2.8336
Hunter-Lab	74.3178, 3.7826, -7.6057

Details

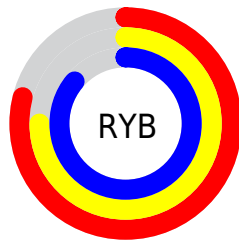
The XYZ color **55.7232, 55.2313, 74.7416** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **61.4264, 68.1719, 59.7929**, and the grayscale version is **53.4776, 56.2626, 61.2700**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **27.9661, 27.3486, 38.9268** is the 20% darker color. If you saturate the color by 10%, you get **47.5277, 44.3925, 73.0823**, and if you desaturate by 10%, it is **65.0107, 67.6981, 76.6593**.

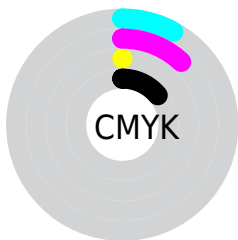
Distribution



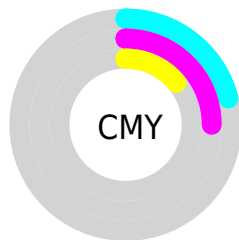
- Red (79%)
- Green (75%)
- Blue (86%)



- Red (79%)
- Yellow (75%)
- Blue (86%)



- Cyan (8%)
- Magenta (12%)
- Yellow (0%)
- Black (14%)



- Cyan (21%)
- Magenta (25%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7232, 55.2313, 74.7416 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 55.7232, 55.2313, 74.7416 by changing the saturation by 10% instead.

■ 55.7232, 55.2313,
74.7416

■ 55.7232, 55.2313,
74.7416

398.7395,
406.7881, 496.2606

■ 40.2172, 39.5869,
54.9008

■ 97.7419, 97.8798,
127.6902

■ 27.8929, 27.2166,
38.9242

124.9853,
125.6527, 161.6351

■ 18.3850, 17.7360,
26.3934

156.8719,
158.2372, 201.1185

■ 11.3281, 10.7606,
16.8898

193.7669,
196.0177, 246.5588

■ 6.3569, 5.9061,
9.9948

236.0359,
239.3787, 298.3746

■ 3.1060, 2.7881,
5.2900

284.0440,

■ 1.2101, 1.0221,

288.7045, 356.9845

2.3567

338.1568,
344.3795, 422.8070

■ 0.1143, 0.0000,
0.7627

■ 0.0000, 0.0000,
0.0000

■ 55.7232, 55.2313,
74.7416

■ 55.7232, 55.2313,
74.7416

■ 47.5277, 44.3925,
73.0823

■ 65.0107, 67.6981,
76.6593

■ 40.3774, 35.1064,
71.6668

■ 75.4246, 81.8501,
78.8420

■ 34.2292, 27.3021,
70.4844

■ 86.1351, 96.0123,
81.0111

■ 29.0351, 20.9003,
69.5225

■ 89.7863, 97.8945,
81.1820

■ 24.7429, 15.8141,
68.7670

■ 21.2946, 11.9466,
68.2023

■ 18.6248, 9.1870,
67.8103

■ 16.6568, 7.4029,
67.5697

■ 15.5328, 6.5304,
67.4605

Harmonies

Analogous

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



52.8690, 55.2313, 77.9223



55.7232, 55.2313, 74.7416



57.7701, 55.2313, 67.6425

Triad

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



55.7232, 55.2313, 74.7416



55.0547, 55.2313, 46.6652



47.0162, 55.2313, 61.2104

Complementary

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



55.7232, 55.2313, 74.7416



61.4264, 68.1719, 59.7929

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.



47.5525, 55.2313, 53.2092



55.7232, 55.2313, 74.7416



52.1242, 55.2313, 45.2882

Square

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



55.7232, 55.2313, 74.7416



57.3740, 55.2313, 51.5247



49.3953, 55.2313, 47.5716



47.9020, 55.2313, 69.6602

Rectangle

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



55.7232, 55.2313, 74.7416



58.3619, 55.2313, 61.9304



49.3953, 55.2313, 47.5716



47.0363, 55.2313, 58.3795

Sweetspot

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



55.7249, 55.2336, 74.7428



89.4240, 92.3968, 107.7289



57.6842, 62.6385, 76.0688



18.9201, 19.4799, 23.0127



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.



55.7249, 55.2336, 74.7428



75.2704, 73.4568, 104.8192



59.3837, 57.1199, 74.9140



12.7455, 12.8269, 16.4562



9.3142, 3.9258, 40.0052



0.6930, 0.3005, 2.5959

Inverse Universe

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



59.6979, 57.4150, 68.9114



82.0535, 77.1829, 94.7767



57.8607, 66.3338, 59.6261



13.4203, 13.1972, 15.4745



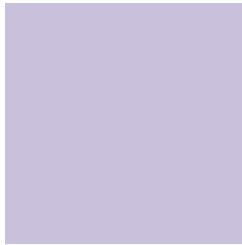
20.4521, 10.1819, 17.2925



1.3643, 0.6754, 1.3275

Previews

White Background



This preview shows how the XYZ color 55.7232, 55.2313, 74.7416 looks on a white background.

Color Contrast Check

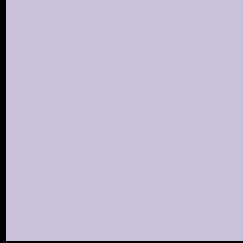
Large Text (above 18pt) WCAG AA × Fail

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 55.7232, 55.2313, 74.7416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

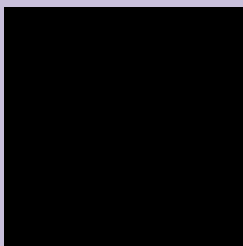
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7232, 55.2313, 74.7416

Background



This preview shows how black text looks on a background with the XYZ color 55.7232, 55.2313, 74.7416.



This preview shows how white text looks on a background with the XYZ color 55.7232, 55.2313,

74.7416.

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

55.7232, 55.2313, 74.7416

Protanopia

54.3045, 55.4571, 76.2488

Deuteranopia

56.3188, 55.2134, 74.7068



Tritanopia

54.3536, 55.3291, 68.1364

Trichromacy



Original Color

55.7232, 55.2313, 74.7416

Protanomaly

54.7157, 55.3530, 75.5105

Deuteranomaly

56.0456, 55.0726, 74.6940

Tritanomaly

54.8996, 55.2234, 70.7164

Monochromacy



Original Color

55.7232, 55.2313, 74.7416

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.4337, 56.0782, 66.3477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7232, 55.2313, 74.7416 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(201, 192, 219)` looks like.

```
.text, #text, p{  
    color:rgb(201, 192, 219)  
}
```

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(201, 192, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 192, 219) }
```

Border

The CSS property to change the border of an element to XYZ 55.7232, 55.2313, 74.7416 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(201, 192, 219) }
```


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

```
.border{ border-color:rgb(201, 192, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 192, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 192, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 192, 219);  
box-shadow:4px 4px 4px 4px rgb(201, 192,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7232, 55.2313, 74.7416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 192, 219) }
```

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

```
.background{ background-color: rgb(201,  
192, 219) }
```

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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