

Converting Colors

XYZ(55.4553, 54.4722, 75.8348)

Have a look what the booklet for
XYZ(55.4553, 54.4722, 75.8348)
contains.

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Color

**XYZ(55.5520, 54.4649,
75.9915)**

Conversions

Conversions Part 1

Format	Color
Hex	C9BEDD
RGB	201, 190, 221
RGB Percent	79%, 75%, 87%
CMY	0.2118, 0.2549, 0.1333
CMYK	0.09, 0.14, 0.00, 0.13
HSL	261°, 31%, 81%
HSV	261°, 14%, 87%
XYZ	55.5520, 54.4649, 75.9915
YIQ	196.8230, -3.3950, 11.9730

Conversions

Conversions Part 2

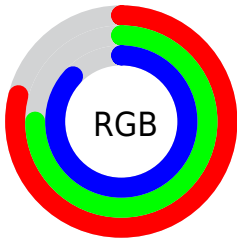
Format	Color
RYB	201, 190, 221
Decimal	13221597
CIELab	78.73, 9.72, -14.07
CIELCh	79, 17.103, 304.626
Yxy	54.4649, 0.2987, 0.2928
Android (android.graphics.Color)	4291411677 (0xFFC9BEDD)
YUV	196.8230, 11.9193, 3.6632
Hunter-Lab	73.8003, 5.2124, -9.3901

Details

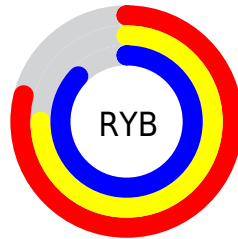
The XYZ color **55.5520, 54.4649, 75.9915** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **61.7311, 69.1337, 58.8084**, and the grayscale version is **52.8974, 55.6522, 60.6053**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **27.8612, 26.8475, 39.7900** is the 20% darker color. If you saturate the color by 10%, you get **47.4669, 43.7229, 74.3451**, and if you desaturate by 10%, it is **64.7221, 66.8465, 77.8989**.

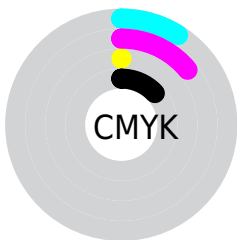
Distribution



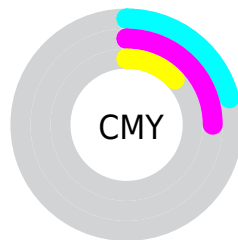
- Red (79%)
- Green (75%)
- Blue (87%)



- Red (79%)
- Yellow (75%)
- Blue (87%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (13%)



- Cyan (21%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5520, 54.4649, 75.9915 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 55.5520, 54.4649, 75.9915 by changing the saturation by 10% instead.

■ 55.5520, 54.4649,
75.9915

■ 55.5520, 54.4649,
75.9915

398.1034,
403.8803, 500.6647

■ 40.0794, 38.9735,
55.9189

■ 97.4929, 96.7565,
129.4749

■ 27.7850, 26.7391,
39.7344

124.6919,
124.3255, 163.7227

■ 18.3033, 17.3774,
27.0193

156.5304,
156.6891, 203.5328

■ 11.2689, 10.5039,
17.3551

193.3738,
194.2317, 249.3236

■ 6.3166, 5.7343,
10.3234

235.5875,
237.3377, 301.5136

■ 3.0810, 2.6842,
5.5055

283.5367,

■ 1.1968, 0.9692,

286.3916, 360.5214

2.4829

337.5869,
341.7777, 426.7656

■ 0.1038, 0.0000,
0.8311

■ 0.0000, 0.0000,
0.0000

■ 55.5520, 54.4649,
75.9915

■ 55.5520, 54.4649,
75.9915

■ 47.4669, 43.7229,
74.3451

■ 64.7221, 66.8465,
77.8989

■ 40.4196, 34.5435,
72.9447

■ 75.0119, 80.9266,
80.0743

■ 34.3666, 26.8536,
71.7794

■ 86.0431, 95.9342,
82.3897

■ 29.2593, 20.5717,
70.8361

■ 90.0513, 98.0005,
82.5773

■ 25.0445, 15.6080,
70.1001

■ 21.6635, 11.8620,
69.5553

■ 19.0491, 9.2180,
69.1827

■ 17.1215, 7.5363,
68.9597

■ 16.2267, 6.8575,
68.8759

Harmonies

Analogous

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



52.2936, 54.4649, 79.8770



55.5520, 54.4649, 75.9915



57.8697, 54.4649, 67.6498

Triad

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



55.5520, 54.4649, 75.9915



54.6051, 54.4649, 44.0133



45.5506, 54.4649, 60.8181

Complementary

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



55.5520, 54.4649, 75.9915



61.7311, 69.1337, 58.8084

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.



46.1096, 54.4649, 51.6727



55.5520, 54.4649, 75.9915



51.2445, 54.4649, 42.6051

Square

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



55.5520, 54.4649, 75.9915



57.3065, 54.4649, 49.3350



48.1584, 54.4649, 45.2563



46.5969, 54.4649, 70.5306

Rectangle

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



55.5520, 54.4649, 75.9915



58.5173, 54.4649, 61.0651



48.1584, 54.4649, 45.2563



45.5574, 54.4649, 57.5752

Sweetspot

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



55.5536, 54.4672, 75.9927



89.5020, 92.4370, 107.7326



57.3719, 62.3368, 77.4158



18.9398, 19.4901, 23.0137



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.



55.5536, 54.4672, 75.9927



73.1941, 70.4679, 104.3517



59.8887, 56.7020, 76.1956



12.7724, 12.8408, 16.4575



9.5382, 4.0413, 40.0157



0.7098, 0.3092, 2.5967

Inverse Universe

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



59.8670, 56.8546, 68.7941



80.3679, 74.4409, 92.2751



57.5680, 66.9875, 58.6136



13.4080, 13.1923, 15.4100



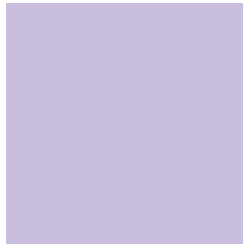
20.2401, 10.0971, 16.1764



1.3517, 0.6703, 1.2608

Previews

White Background



This preview shows how the XYZ color 55.5520, 54.4649, 75.9915 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 55.5520, 54.4649, 75.9915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

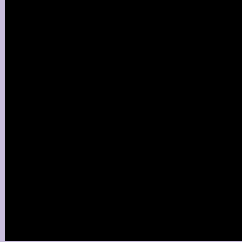
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5520, 54.4649, 75.9915

Background



This preview shows how black text looks on a background with the XYZ color 55.5520, 54.4649, 75.9915.



This preview shows how white text looks on a background with the XYZ color 55.5520, 54.4649,

75.9915.

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

55.5520, 54.4649, 75.9915

Protanopia

53.6245, 54.4148, 77.4888

Deuteranopia

55.5520, 54.4649, 75.9915



Tritanopia

53.6653, 54.3464, 66.6929

Trichromacy



Original Color

55.5520, 54.4649, 75.9915

Protanomaly

54.2826, 54.4425, 76.7547

Deuteranomaly

55.5520, 54.4649, 75.9915

Tritanomaly

54.3339, 54.2944, 69.9035

Monochromacy



Original Color

55.5520, 54.4649, 75.9915

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.7211, 55.0456, 66.1860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5520, 54.4649, 75.9915 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, 190, 221)` looks like.

```
.text, #text, p{  
    color:rgb(201, 190, 221)  
}
```

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, 190, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 190, 221) }
```

Border

The CSS property to change the border of an element to XYZ 55.5520, 54.4649, 75.9915 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, 190, 221) }
```


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

```
.border{ border-color:rgb(201, 190, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 190, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 190, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 190, 221);  
box-shadow:4px 4px 4px 4px rgb(201, 190,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5520, 54.4649, 75.9915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 190, 221) }
```

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

```
.background{ background-color: rgb(201,  
190, 221) }
```

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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