

Converting Colors

XYZ(55.3474, 48.1405, 72.4346)

Have a look what the booklet for
XYZ(55.3474, 48.1405, 72.4346)
contains.

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Color

**XYZ(55.4581, 48.1896,
72.7082)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A9DA
RGB	217, 169, 218
RGB Percent	85%, 66%, 85%
CMY	0.1490, 0.3372, 0.1451
CMYK	0.00, 0.22, 0.00, 0.15
HSL	299°, 40%, 76%
HSV	299°, 22%, 85%
XYZ	55.4581, 48.1896, 72.7082
YIQ	188.9380, 12.8790, 25.4150

Conversions

Conversions Part 2

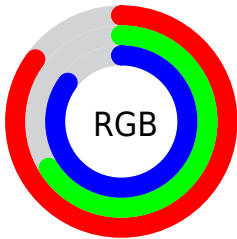
Format	Color
R_{YB}	217, 169, 218
Decimal	14264794
CIE _{Lab}	74.94, 25.81, -18.01
CIE _{LCh}	75, 31.472, 325.089
Yxy	48.1896, 0.3145, 0.2733
Android (android.graphics.Color)	4292454874 (0xFFD9A9DA)
YUV	188.9380, 14.3276, 24.6104
Hunter-Lab	69.4187, 21.1195, -13.5064

Details

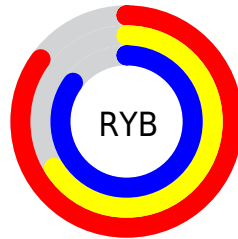
The XYZ color **55.4581, 48.1896, 72.7082** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.8121, 61.5546, 46.8471**, and the grayscale version is **48.2511, 50.7640, 55.2819**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **27.7565, 22.8165, 37.5914** is the 20% darker color. If you saturate the color by 10%, you get **51.6043, 40.6771, 71.4620**, and if you desaturate by 10%, it is **59.9914, 57.0588, 74.1819**.

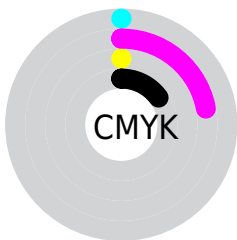
Distribution



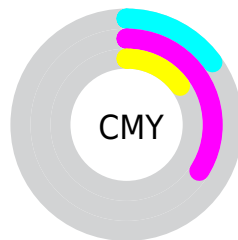
- Red (85%)
- Green (66%)
- Blue (85%)



- Red (85%)
- Yellow (66%)
- Blue (85%)



- Cyan (0%)
- Magenta (22%)
- Yellow (0%)
- Black (15%)





- Cyan (15%)
- Magenta (34%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4581, 48.1896, 72.7082 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 55.4581, 48.1896, 72.7082 by changing the saturation by 10% instead.


 55.4581, 48.1896,
72.7082


 55.4581, 48.1896,
72.7082


397.7543,
379.5432, 489.0465

 40.0039, 33.9771,
53.2470

 97.3562, 87.4866,
124.7799

 27.7258, 22.8760,
37.6109


 124.5309,
113.3399, 158.2276

 18.2585, 14.5020,
25.3814

156.3431,
143.8422, 197.1745

 11.2365, 8.4706,
16.1398

193.1581,
179.3780, 242.0392

 6.2946, 4.3975,
9.4677

235.3414,
220.3315, 293.2402

 3.0674, 1.8983,
4.9465

283.2583,

 1.1895, 0.5474,

267.0873, 351.1960

2.1577

337.2742,
320.0297, 416.3253

■ 0.0981, 0.0000,
0.6498

■ 0.0000, 0.0000,
0.0000

■ 55.4581, 48.1896,
72.7082

■ 55.4581, 48.1896,
72.7082

■ 51.6043, 40.6771,
71.4620

■ 59.9914, 57.0588,
74.1819

■ 48.3919, 34.4479,
70.4289

■ 65.2309, 67.3407,
75.8904

■ 45.7863, 29.4315,
69.5980

■ 71.2073, 79.0959,
77.8444

■ 43.7472, 25.5479,
68.9558

■ 77.5624, 91.6080,
79.9245

42.2301, 22.7076,
68.4876

77.6962, 91.6770,
79.9308

41.1835, 20.8076,
68.1760

77.8304, 91.7462,
79.9370

40.5452, 19.7240,
68.0005

77.9650, 91.8156,
79.9433

40.2564, 19.2910,
67.9321

78.0999, 91.8851,
79.9496

78.2351, 91.9548,
79.9560

Harmonies

Analogous

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



50.6417, 48.1896, 86.6001



55.4581, 48.1896, 72.7082



57.6968, 48.1896, 55.2215

Triad

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



55.4581, 48.1896, 72.7082



46.7536, 48.1896, 26.8671



36.5206, 48.1896, 67.0399

Complementary

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



55.4581, 48.1896, 72.7082



48.8121, 61.5546, 46.8471

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.



35.6672, 48.1896, 49.8120



55.4581, 48.1896, 72.7082



41.2823, 48.1896, 28.7429

Square

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



55.4581, 48.1896, 72.7082



52.4108, 48.1896, 30.5918



37.3387, 48.1896, 36.3863



39.7749, 48.1896, 82.8776

Rectangle

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



55.4581, 48.1896, 72.7082



57.3013, 48.1896, 44.6677



37.3387, 48.1896, 36.3863



35.9556, 48.1896, 61.1324

Sweetspot

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



55.4596, 48.1917, 72.7092



89.4838, 89.0663, 107.0829



43.5129, 42.4869, 72.2378



19.0557, 18.8725, 22.8884



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.



55.4596, 48.1917, 72.7092



76.3656, 63.3956, 102.8194



52.9684, 47.2296, 58.0350



13.5868, 13.2606, 16.4956



24.1294, 11.5633, 40.6986



1.5718, 0.7535, 2.6371

Inverse Universe

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



50.3588, 46.1858, 44.2930



67.8597, 60.0527, 55.3404



50.9349, 62.3789, 59.1493



13.0668, 13.0558, 13.6128



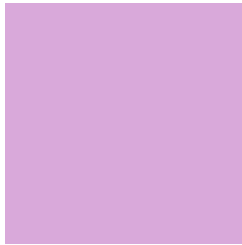
17.3416, 8.9377, 0.9127



1.1273, 0.5806, 0.0795

Previews

White Background



This preview shows how the XYZ color 55.4581, 48.1896, 72.7082 looks on a white background.

Color Contrast Check

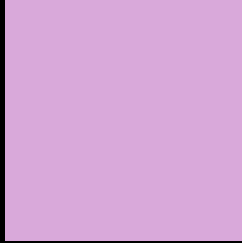
Large Text (above 18pt) WCAG AA × Fail

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 55.4581, 48.1896, 72.7082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

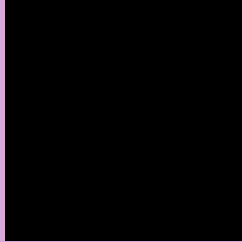
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4581, 48.1896, 72.7082

Background



This preview shows how black text looks on a background with the XYZ color 55.4581, 48.1896, 72.7082.



This preview shows how white text looks on a background with the XYZ color 55.4581, 48.1896,

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

55.4581, 48.1896, 72.7082

Protanopia

48.3926, 48.4671, 80.2033

Deuteranopia

49.4550, 48.2918, 71.6804



Tritanopia

51.6537, 48.0491, 54.1289

Trichromacy



Original Color

55.4581, 48.1896, 72.7082

Protanomaly

50.6101, 48.1698, 77.1513

Deuteranomaly

51.6029, 48.2025, 72.2299

Tritanomaly

52.7929, 47.9247, 60.5007

Monochromacy



Original Color

55.4581, 48.1896, 72.7082

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.7065, 49.7681, 61.5773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4581, 48.1896, 72.7082 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(217, 169, 218)` looks like.

```
.text, #text, p{  
    color:rgb(217, 169, 218)  
}
```

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(217, 169, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 169, 218) }
```

Border

The CSS property to change the border of an element to XYZ 55.4581, 48.1896, 72.7082 is called "border". The border property can be set on classes, ids or directly on the HTML element.

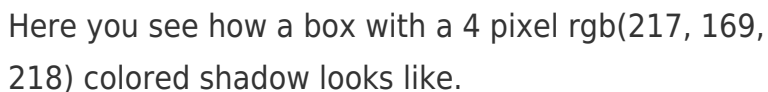
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 169, 218) }
```


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

```
.border{ border-color:rgb(217, 169, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 169, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 169, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 169, 218); box-shadow:4px 4px 4px 4px rgb(217, 169, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4581, 48.1896, 72.7082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 169, 218) }
```

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

```
.background{ background-color: rgb(217,  
169, 218) }
```

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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