

Converting Colors

XYZ(49.3408, 47.9758, 56.9274)

Have a look what the booklet for
XYZ(49.3408, 47.9758, 56.9274)
contains.

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Color

**XYZ(49.3655, 47.9704,
57.1095)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B2C1
RGB	200, 178, 193
RGB Percent	78%, 70%, 76%
CMY	0.2157, 0.3019, 0.2431
CMYK	0.00, 0.11, 0.04, 0.22
HSL	319°, 17%, 74%
HSV	319°, 11%, 78%
XYZ	49.3655, 47.9704, 57.1095
YIQ	186.2880, 8.2970, 9.3290

Conversions

Conversions Part 2

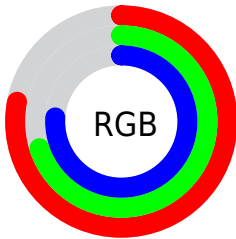
Format	Color
R_{YB}	200, 178, 193
Decimal	13152961
CIE _{Lab}	74.81, 10.51, -4.73
CIE _{LCh}	75, 11.522, 335.765
Yxy	47.9704, 0.3196, 0.3106
Android (android.graphics.Color)	4291343041 (0xFFC8B2C1)
YUV	186.2880, 3.3090, 12.0254
Hunter-Lab	69.2607, 6.0196, -0.4056

Details

The XYZ color **49.3655, 47.9704, 57.1095** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.7732, 54.2777, 53.8603**, and the grayscale version is **46.8135, 49.2514, 53.6348**.

A 20% lighter version of the original color is **87.7617, 86.9452, 101.7791**, and **23.9213, 22.6717, 27.9262** is the 20% darker color. If you saturate the color by 10%, you get **44.9782, 40.3071, 52.2194**, and if you desaturate by 10%, it is **54.3663, 56.8104, 62.3560**.

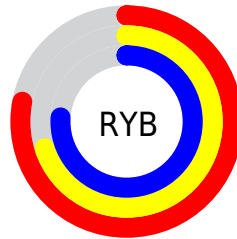
Distribution



Red (78%)

Green (70%)

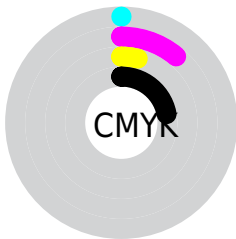
Blue (76%)



Red (78%)

Yellow (70%)

Blue (76%)

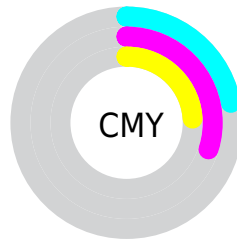


Cyan (0%)

Magenta (11%)

Yellow (4%)

Black (22%)



Cyan (22%)

Magenta (30%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.3655, 47.9704, 57.1095 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 49.3655, 47.9704, 57.1095 by changing the saturation by 10% instead.

■ 49.3655, 47.9704,
57.1095

■ 49.3655, 47.9704,
57.1095

374.6726,
378.6748, 431.3647

■ 35.1252, 33.8034,
40.6832

■ 88.4315, 87.1603,
102.1269

■ 23.9263, 22.7426,
27.7538

113.9880,
112.9521, 131.5550

■ 15.4034, 14.4036,
17.9027

144.0472,
143.3876, 166.1542

■ 9.1912, 8.4019,
10.7115

178.9746,
178.8512, 206.3430

■ 4.9242, 4.3532,
5.7614

219.1355,
219.7273, 252.5399

■ 2.2371, 1.8730,
2.6341

264.8952,

■ 0.7622, 0.5321,

266.4004, 305.1635

0.9100

316.6191,
319.2547, 364.6322

■ 0.0000, 0.0000,
0.0000

■ 49.3655, 47.9704,
57.1095

■ 49.3655, 47.9704,
57.1095

■ 44.9782, 40.3071,
52.2194

■ 54.3663, 56.8104,
62.3560

■ 41.1748, 33.7641,
47.6724

■ 60.0003, 66.8680,
67.9656

■ 37.9296, 28.2898,
43.4583

■ 66.2915, 78.1898,
73.9487

■ 35.2132, 23.8258,
39.5656

■ 72.2950, 88.8856,
79.9921

■ 32.9932, 20.3084,
35.9814

■ 73.1465, 89.2262,
84.4761

■ 31.2337, 17.6663,
32.6918

■ 74.0304, 89.5798,
89.1305

■ 29.8939, 15.8184,
29.6811

■ 74.9470, 89.9464,
93.9572

■ 28.9249, 14.6678,
26.9308

■ 75.8966, 90.3263,
98.9580

■ 28.2890, 14.0672,
24.6491

■ 76.8796, 90.7195,
104.1345

Harmonies

Analogous

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



47.9885, 47.9704, 62.1584



49.3655, 47.9704, 57.1095



49.7190, 47.9704, 51.0818

Triad

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



49.3655, 47.9704, 57.1095



45.1912, 47.9704, 41.5779



42.4047, 47.9704, 59.2654

Complementary

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



49.3655, 47.9704, 57.1095



47.7732, 54.2777, 53.8603

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.



41.7045, 47.9704, 53.3985



49.3655, 47.9704, 57.1095



43.2813, 47.9704, 43.4223

Square

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



49.3655, 47.9704, 57.1095



47.2673, 47.9704, 42.4062



42.0205, 47.9704, 47.6397



43.9615, 47.9704, 63.4683

Rectangle

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



49.3655, 47.9704, 57.1095



49.3176, 47.9704, 47.3777



42.0205, 47.9704, 47.6397



42.0635, 47.9704, 57.4062

Sweetspot

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



49.3669, 47.9725, 57.1105



92.2684, 95.0600, 106.0514



46.3472, 46.3234, 61.1430



19.5938, 20.0712, 22.5385



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.



49.3669, 47.9725, 57.1105



83.7191, 79.9820, 96.9727



48.1885, 47.5011, 50.9050



10.9339, 10.7570, 12.6353



18.0291, 8.9612, 15.8948



0.8855, 0.4371, 0.9205

Inverse Universe

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



49.3669, 47.9725, 57.1105



83.7191, 79.9820, 96.9727



48.9760, 54.7588, 60.1940



10.9339, 10.7570, 12.6353



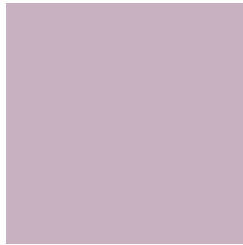
18.0291, 8.9612, 15.8948



0.8855, 0.4371, 0.9205

Previews

White Background



This preview shows how the XYZ color 49.3655, 47.9704, 57.1095 looks on a white background.

Color Contrast Check

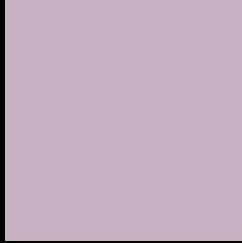
Large Text (above 18pt) WCAG AA × Fail

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 49.3655, 47.9704, 57.1095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

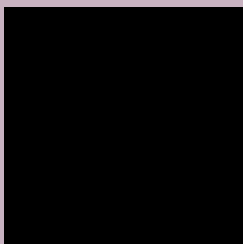
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

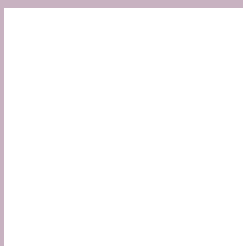
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.3655, 47.9704, 57.1095

Background



This preview shows how black text looks on a background with the XYZ color 49.3655, 47.9704, 57.1095.



This preview shows how white text looks on a background with the XYZ color 49.3655, 47.9704,

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

49.3655, 47.9704, 57.1095

Protanopia

46.6645, 48.0428, 59.0383

Deuteranopia

49.0344, 48.0962, 57.1512



Tritanopia

49.2542, 47.9259, 56.5238

Trichromacy



Original Color

49.3655, 47.9704, 57.1095

Protanomaly

47.6094, 47.9350, 58.3729

Deuteranomaly

49.2989, 48.2326, 57.1636

Tritanomaly

49.2542, 47.9259, 56.5238

Monochromacy



Original Color

49.3655, 47.9704, 57.1095

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.6047, 48.6175, 55.0192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3655, 47.9704, 57.1095 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(200, 178, 193)` looks like.

```
.text, #text, p{  
    color:rgb(200, 178, 193)  
}
```

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(200, 178, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 178, 193) }
```

Border

The CSS property to change the border of an element to XYZ 49.3655, 47.9704, 57.1095 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(200, 178, 193) }
```


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

```
.border{ border-color:rgb(200, 178, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 178, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 178, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 178, 193);  
box-shadow:4px 4px 4px 4px rgb(200, 178,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3655, 47.9704, 57.1095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 178, 193) }
```

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

```
.background{ background-color: rgb(200,  
178, 193) }
```

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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