

Converting Colors

XYZ(55.9773, 52.7218, 64.9836)

Have a look what the booklet for
XYZ(55.9773, 52.7218, 64.9836)
contains.

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Color

**XYZ(55.9773, 52.7218,
64.9836)**

Conversions

Conversions Part 1

Format	Color
Hex	D7B7CD
RGB	215, 183, 205
RGB Percent	84%, 72%, 80%
CMY	0.1569, 0.2823, 0.1961
CMYK	0.00, 0.15, 0.05, 0.16
HSL	319°, 29%, 78%
HSV	319°, 15%, 84%
XYZ	55.9773, 52.7218, 64.9836
YIQ	195.0760, 12.0100, 13.6260

Conversions

Conversions Part 2

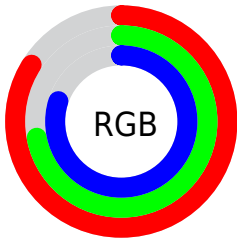
Format	Color
R _Y B	215, 183, 205
Decimal	14137293
CIE Lab	77.71, 15.19, -6.82
CIE LCh	78, 16.646, 335.820
Yxy	52.7218, 0.3223, 0.3036
Android (android.graphics.Color)	4292327373 (0xFFD7B7CD)
YUV	195.0760, 4.8925, 17.4733
Hunter-Lab	72.6098, 10.5445, -2.2359

Details

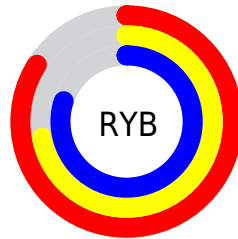
The XYZ color **55.9773, 52.7218, 64.9836** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **53.4566, 62.5200, 59.7052**, and the grayscale version is **51.8851, 54.5871, 59.4454**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **28.0658, 25.6732, 32.7544** is the 20% darker color. If you saturate the color by 10%, you get **51.0836, 44.2040, 59.4363**, and if you desaturate by 10%, it is **61.5863, 62.6129, 70.9424**.

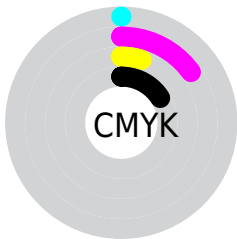
Distribution



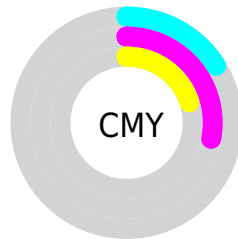
- Red (84%)
- Green (72%)
- Blue (80%)



- Red (84%)
- Yellow (72%)
- Blue (80%)



- Cyan (0%)
- Magenta (15%)
- Yellow (5%)
- Black (16%)



- Cyan (16%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9773, 52.7218, 64.9836 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 55.9773, 52.7218, 64.9836 by changing the saturation by 10% instead.

■ 55.9773, 52.7218,
64.9836

■ 55.9773, 52.7218,
64.9836

399.6824,
397.2169, 461.0376

■ 40.4217, 37.5807,
46.9965

■ 98.1114, 94.1949,
113.6393

■ 28.0531, 25.6574,
32.6786

125.4205,
121.2957, 145.1451

■ 18.5064, 16.5675,
21.6112

157.3782,
153.1518, 181.9941

■ 11.4160, 9.9266,
13.3759

194.3498,
190.1477, 224.6050

■ 6.4167, 5.3503,
7.5542

236.7007,
232.6678, 273.3962

■ 3.1432, 2.4543,
3.7274

284.7962,

■ 1.2299, 0.8536,

281.0964, 328.7864

1.4770

339.0016,
335.8180, 391.1940

■ 0.1298, 0.0000,
0.2007

■ 0.0000, 0.0000,
0.0000

■ 55.9773, 52.7218,
64.9836

■ 55.9773, 52.7218,
64.9836

■ 51.0836, 44.2040,
59.4363

■ 61.5863, 62.6129,
70.9424

■ 46.8694, 36.9912,
54.2847

■ 67.9351, 73.9279,
77.3213

■ 43.3030, 31.0194,
49.5166

■ 75.0527, 86.7233,
84.1324

■ 40.3480, 26.2167,
45.1177

■ 78.3332, 91.7867,
89.8425

■ 37.9643, 22.5038,
41.0724

■ 79.3056, 92.1756,
94.9634

■ 36.1068, 19.7911,
37.3633

■ 80.3150, 92.5794,
100.2785

■ 34.7233, 17.9750,
33.9707

■ 81.3616, 92.9980,
105.7900

■ 33.7502, 16.9290,
30.8708

■ 81.8348, 93.1873,
108.2815

■ 33.3546, 16.5792,
29.3781

Harmonies

Analogous

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



53.8243, 52.7218, 73.0273



55.9773, 52.7218, 64.9836



56.5299, 52.7218, 55.6247

Triad

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



55.9773, 52.7218, 64.9836



49.4849, 52.7218, 41.5012



45.2530, 52.7218, 68.4275

Complementary

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



55.9773, 52.7218, 64.9836



53.4566, 62.5200, 59.7052

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.



44.1964, 52.7218, 59.2231



55.9773, 52.7218, 64.9836



46.5715, 52.7218, 44.1866

Square

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



55.9773, 52.7218, 64.9836



52.6912, 52.7218, 42.6927



44.6686, 52.7218, 50.4399



47.6155, 52.7218, 75.1600

Rectangle

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



55.9773, 52.7218, 64.9836



55.8967, 52.7218, 50.0189



44.6686, 52.7218, 50.4399



44.7381, 52.7218, 65.4847

Sweetspot

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



55.9788, 52.7241, 64.9847



91.3728, 93.4602, 105.1632



51.0919, 50.0608, 71.2608



19.4138, 19.7493, 22.3613



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.



55.9788, 52.7241, 64.9847



79.8906, 73.2403, 92.8747



54.1885, 52.0080, 55.5570



12.7801, 12.5635, 14.7824



19.9995, 9.9361, 17.8332



1.2428, 0.6139, 1.2680

Inverse Universe

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



55.9788, 52.7241, 64.9847



79.8906, 73.2403, 92.8747



55.2898, 63.2532, 69.3587



12.7801, 12.5635, 14.7824



19.9995, 9.9361, 17.8332



1.2428, 0.6139, 1.2680

Previews

White Background



This preview shows how the XYZ color 55.9773, 52.7218, 64.9836 looks on a white background.

Color Contrast Check

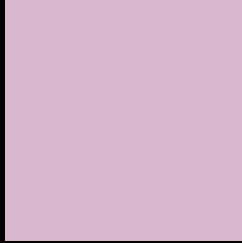
Large Text (above 18pt) WCAG AA × Fail

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 55.9773, 52.7218, 64.9836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

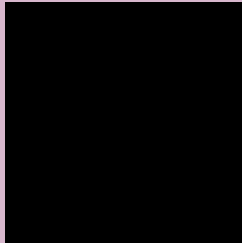
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9773, 52.7218, 64.9836

Background



This preview shows how black text looks on a background with the XYZ color 55.9773, 52.7218, 64.9836.



This preview shows how white text looks on a background with the XYZ color 55.9773, 52.7218,

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

55.9773, 52.7218, 64.9836

Protanopia

51.4989, 52.8619, 68.4619

Deuteranopia

53.8462, 52.8794, 64.4955



Tritanopia

55.0651, 52.6543, 60.6871

Trichromacy



Original Color

55.9773, 52.7218, 64.9836

Protanomaly

52.9216, 52.6626, 67.0501

Deuteranomaly

54.7525, 53.0328, 64.4773

Tritanomaly

55.4147, 52.7942, 62.5280

Monochromacy



Original Color

55.9773, 52.7218, 64.9836

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.2967, 53.9417, 61.6356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9773, 52.7218, 64.9836 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(215, 183, 205)` looks like.

```
.text, #text, p{  
    color:rgb(215, 183, 205)  
}
```

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(215, 183, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 183, 205) }
```

Border

The CSS property to change the border of an element to XYZ 55.9773, 52.7218, 64.9836 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(215, 183, 205) }
```


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

```
.border{ border-color:rgb(215, 183, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 183, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 183, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 183, 205);  
box-shadow:4px 4px 4px 4px rgb(215, 183,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9773, 52.7218, 64.9836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 183, 205) }
```

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

```
.background{ background-color: rgb(215,  
183, 205) }
```

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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