

Converting Colors

XYZ(55.2349, 53.2624, 66.7671)

Have a look what the booklet for
XYZ(55.2349, 53.2624, 66.7671)
contains.

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Color

**XYZ(55.2386, 53.2272,
67.0370)**

Conversions

Conversions Part 1

Format	Color
Hex	D1BAD0
RGB	209, 186, 208
RGB Percent	82%, 73%, 82%
CMY	0.1804, 0.2706, 0.1843
CMYK	0.00, 0.11, 0.00, 0.18
HSL	303°, 20%, 77%
HSV	303°, 11%, 82%
XYZ	55.2386, 53.2272, 67.0370
YIQ	195.3850, 6.6460, 11.7180

Conversions

Conversions Part 2

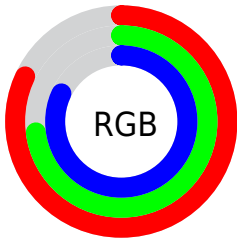
Format	Color
R _Y B	209, 186, 208
Decimal	13744848
CIE Lab	78.01, 12.05, -8.06
CIE LCh	78, 14.494, 326.219
Yxy	53.2272, 0.3147, 0.3033
Android (android.graphics.Color)	4291934928 (0xFFD1BAD0)
YUV	195.3850, 6.2192, 11.9404
Hunter-Lab	72.9570, 7.4747, -3.4091

Details

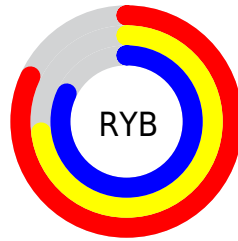
The XYZ color **55.2386, 53.2272, 67.0370** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0219, 59.6294, 55.7844**, and the grayscale version is **52.0640, 54.7753, 59.6503**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **27.5467, 25.9782, 34.1343** is the 20% darker color. If you saturate the color by 10%, you get **51.0427, 45.0131, 65.0887**, and if you desaturate by 10%, it is **60.0822, 62.7342, 69.2056**.

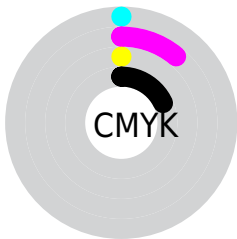
Distribution



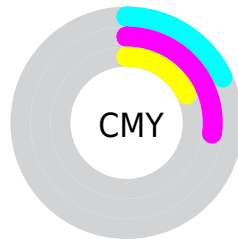
- Red (82%)
- Green (73%)
- Blue (82%)



- Red (82%)
- Yellow (73%)
- Blue (82%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (18%)



- Cyan (18%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2386, 53.2272, 67.0370 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 55.2386, 53.2272, 67.0370 by changing the saturation by 10% instead.

■ 55.2386, 53.2272,
67.0370

■ 55.2386, 53.2272,
67.0370

396.9375,
399.1562, 468.5815

■ 39.8274, 37.9842,
48.6529

■ 97.0367, 94.9386,
116.6146

■ 27.5876, 25.9704,
33.9806

124.1544,
122.1758, 148.6451

■ 18.1539, 16.8015,
22.6014

155.9049,
154.1798, 186.0616

■ 11.1609, 10.0931,
14.0970

192.6535,
191.3350, 229.2826

■ 6.2432, 5.4607,
8.0486

234.7658,
234.0259, 278.7265

■ 3.0356, 2.5200,
4.0379

282.6070,

■ 1.1726, 0.8866,

282.6368, 334.8119

1.6461

336.5424,
337.5521, 397.9574

■ 0.0846, 0.0000,
0.3234

■ 0.0000, 0.0000,
0.0000

■ 55.2386, 53.2272,
67.0370

■ 55.2386, 53.2272,
67.0370

■ 51.0427, 45.0131,
65.0887

■ 60.0822, 62.7342,
69.2056

■ 47.4620, 38.0292,
63.3480

■ 65.5951, 73.5793,
71.5998

■ 44.4683, 32.2181,
61.8062

■ 71.8034, 85.8144,
74.2291

■ 42.0290, 27.5151,
60.4523

■ 73.8929, 89.8107,
75.4885

40.1089, 23.8492,
59.2745

74.0077, 89.8566,
76.0929

38.6681, 21.1411,
58.2598

74.1231, 89.9028,
76.7007

37.6616, 19.3003,
57.3928

74.2392, 89.9492,
77.3119

37.0352, 18.2189,
56.6558

74.3559, 89.9959,
77.9266

36.7098, 17.7215,
56.0747

74.4732, 90.0429,
78.5446

Harmonies

Analogous

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



53.0275, 53.2272, 73.0521



55.2386, 53.2272, 67.0370



56.2035, 53.2272, 58.9866

Triad

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



55.2386, 53.2272, 67.0370



50.9496, 53.2272, 43.7847



45.8753, 53.2272, 65.0994

Complementary

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



55.2386, 53.2272, 67.0370



52.0219, 59.6294, 55.7844

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.



45.3649, 53.2272, 56.9363



55.2386, 53.2272, 67.0370



48.2301, 53.2272, 45.0965

Square

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



55.2386, 53.2272, 67.0370



53.6698, 53.2272, 45.9693



46.2114, 53.2272, 49.7334



47.6320, 53.2272, 71.8625

Rectangle

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



55.2386, 53.2272, 67.0370



55.9847, 53.2272, 53.7202



46.2114, 53.2272, 49.7334



45.5551, 53.2272, 62.4075

Sweetspot

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



55.2402, 53.2295, 67.0382



92.6044, 95.1944, 107.8207



49.5064, 50.2594, 67.4143



19.6847, 20.1076, 23.0175



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.



55.2402, 53.2295, 67.0382



85.1401, 80.5504, 104.4558



53.9027, 52.6945, 59.9953



12.2877, 11.9998, 14.7906



22.6436, 10.9303, 34.6251



1.2731, 0.6140, 1.9731

Inverse Universe

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



55.2402, 53.2295, 67.0382



85.1401, 80.5504, 104.4558



53.2759, 60.1310, 62.3879



12.2877, 11.9998, 14.7906



22.6436, 10.9303, 34.6251



1.2731, 0.6140, 1.9731

Previews

White Background



This preview shows how the XYZ color 55.2386, 53.2272, 67.0370 looks on a white background.

Color Contrast Check

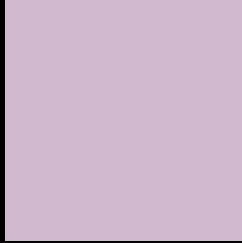
Large Text (above 18pt) WCAG AA × Fail

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 55.2386, 53.2272, 67.0370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

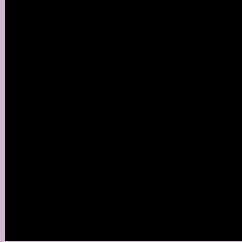
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2386, 53.2272, 67.0370

Background



This preview shows how black text looks on a background with the XYZ color 55.2386, 53.2272, 67.0370.



This preview shows how white text looks on a background with the XYZ color 55.2386, 53.2272,

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

55.2386, 53.2272, 67.0370

Protanopia

52.2192, 53.5291, 69.8673

Deuteranopia

54.3323, 53.0739, 67.0552



Tritanopia

54.4434, 53.2148, 63.2791

Trichromacy



Original Color

55.2386, 53.2272, 67.0370

Protanomaly

53.4600, 53.5358, 69.1438

Deuteranomaly

54.6091, 53.2165, 67.0681

Tritanomaly

54.6818, 53.3102, 64.5346

Monochromacy



Original Color

55.2386, 53.2272, 67.0370

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.0944, 54.1488, 62.2970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2386, 53.2272, 67.0370 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(209, 186, 208) looks like.

```
.text, #text, p{  
    color:rgb(209, 186, 208)  
}
```

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(209, 186, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 186, 208) }
```

Border

The CSS property to change the border of an element to XYZ 55.2386, 53.2272, 67.0370 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(209, 186, 208) }
```


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

```
.border{ border-color:rgb(209, 186, 208) }
```

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

Here you see how a box with a 4 pixel rgb(209, 186, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 186, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 186, 208);  
box-shadow:4px 4px 4px 4px rgb(209, 186,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2386, 53.2272, 67.0370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 186, 208) }
```

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

```
.background{ background-color: rgb(209,  
186, 208) }
```

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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