

Converting Colors

XYZ(43.2189, 37.4095, 56.4242)

Have a look what the booklet for
XYZ(43.2189, 37.4095, 56.4242)
contains.

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Color

**XYZ(43.2623, 37.3549,
56.5598)**

Conversions

Conversions Part 1

Format	Color
Hex	C396C3
RGB	195, 150, 195
RGB Percent	76%, 59%, 76%
CMY	0.2353, 0.4117, 0.2353
CMYK	0.00, 0.23, 0.00, 0.24
HSL	300°, 27%, 68%
HSV	300°, 23%, 76%
XYZ	43.2623, 37.3549, 56.5598
YIQ	168.5850, 12.3750, 23.5350

Conversions

Conversions Part 2

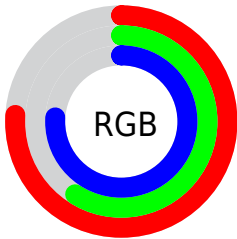
Format	Color
R _Y B	195, 150, 195
Decimal	12818115
CIE Lab	67.54, 24.52, -16.73
CIE LCh	68, 29.685, 325.687
Yxy	37.3549, 0.3154, 0.2723
Android (android.graphics.Color)	4291008195 (0xFFC396C3)
YUV	168.5850, 13.0226, 23.1660
Hunter-Lab	61.1187, 19.3920, -12.0845

Details

The XYZ color **43.2623, 37.3549, 56.5598** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.5992, 47.7173, 36.0848**, and the grayscale version is **37.4417, 39.3916, 42.8974**.

A 20% lighter version of the original color is **79.5469, 71.3864, 101.6818**, and **20.2541, 16.5095, 27.3184** is the 20% darker color. If you saturate the color by 10%, you get **40.4063, 31.6422, 55.6082**, and if you desaturate by 10%, it is **46.6384, 44.1065, 57.6856**.

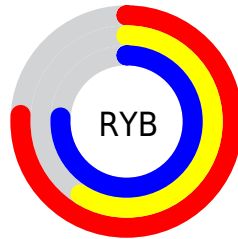
Distribution



Red (76%)

Green (59%)

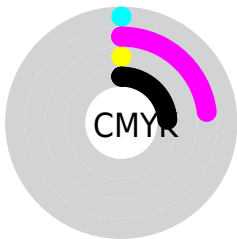
Blue (76%)



Red (76%)

Yellow (59%)

Blue (76%)

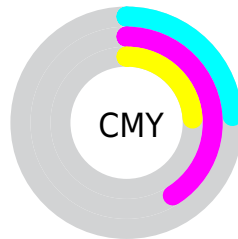


Cyan (0%)

Magenta (23%)

Yellow (0%)

Black (24%)



Cyan (24%)


Magenta (41%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2623, 37.3549, 56.5598 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 43.2623, 37.3549, 56.5598 by changing the saturation by 10% instead.


 43.2623, 37.3549,
56.5598


 43.2623, 37.3549,
56.5598

350.5926,
334.8445, 429.2452

 30.2864, 25.4824,
40.2449

 79.3598, 71.1183,
101.3165

 20.2052, 16.4368,
27.4143


 103.2121, 93.7780,
130.5955

 12.6534, 9.8338,
17.6495


131.4205,
120.8021, 165.0329

 7.2657, 5.2889,
10.5318

164.3505,
152.5752, 205.0472

 3.6766, 2.4177,
5.6428

202.3673,
189.4816, 251.0571

 1.5209, 0.8350,
2.5638

245.8364,

 0.3400, 0.0000,

231.9057, 303.4810

0.8737

295.1230,
280.2318, 362.7375

■ 0.0000, 0.0000,
0.0000

■ 43.2623, 37.3549,
56.5598

■ 43.2623, 37.3549,
56.5598

■ 40.4063, 31.6422,
55.6082

■ 46.6384, 44.1065,
57.6856

■ 38.0413, 26.9122,
54.8198

■ 50.5550, 51.9396,
58.9912

■ 36.1407, 23.1111,
54.1862

■ 55.0356, 60.9007,
60.4848

■ 34.6740, 20.1777,
53.6973

■ 60.1012, 71.0319,
62.1734

■ 33.6069, 18.0436,
53.3415

■ 65.7718, 82.3733,
64.0636

■ 32.9003, 16.6303,
53.1059

■ 68.1165, 87.0624,
64.8452

■ 32.5068, 15.8433,
52.9747

■ 68.1165, 87.0624,
64.8453

■ 32.3563, 15.5424,
52.9245

■ 68.1165, 87.0625,
64.8453

■ 68.1165, 87.0625,
64.8454

Harmonies

Analogous

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



39.4483, 37.3549, 67.8048



43.2623, 37.3549, 56.5598



45.0000, 37.3549, 42.5940

Triad

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



43.2623, 37.3549, 56.5598



36.1692, 37.3549, 20.3975



28.1651, 37.3549, 52.5759

Complementary

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



43.2623, 37.3549, 56.5598



37.5992, 47.7173, 36.0848

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.



27.4489, 37.3549, 38.8110



43.2623, 37.3549, 56.5598



31.8331, 37.3549, 21.9594

Square

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



43.2623, 37.3549, 56.5598



40.6881, 37.3549, 23.2375



28.7348, 37.3549, 28.0803



30.7813, 37.3549, 65.1802

Rectangle

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



43.2623, 37.3549, 56.5598



44.6470, 37.3549, 34.2458



28.7348, 37.3549, 28.0803



27.7043, 37.3549, 47.8582

Sweetspot

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



43.2634, 37.3565, 56.5606



87.5951, 87.1263, 104.6700



33.3360, 32.2387, 56.0961



19.0868, 18.8885, 22.8898



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.



43.2634, 37.3565, 56.5606



74.6298, 61.1957, 100.3481



40.9078, 36.4143, 44.1560



10.4973, 10.2475, 12.7095



21.0296, 10.1016, 34.3977



0.9086, 0.4365, 1.4862

Inverse Universe

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



43.2634, 37.3565, 56.5606



74.6298, 61.1957, 100.3481



39.5886, 48.5131, 46.5608



10.4973, 10.2475, 12.7095



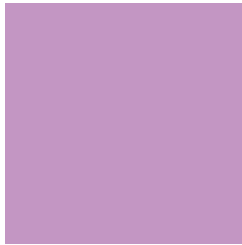
21.0296, 10.1016, 34.3977



0.9086, 0.4365, 1.4862

Previews

White Background



This preview shows how the XYZ color 43.2623, 37.3549, 56.5598 looks on a white background.

Color Contrast Check

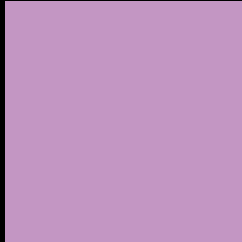
Large Text (above 18pt) WCAG AA × Fail

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 43.2623, 37.3549, 56.5598 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 43.2623, 37.3549, 56.5598

Background



This preview shows how black text looks on a background with the XYZ color 43.2623, 37.3549, 56.5598.



This preview shows how white text looks on a background with the XYZ color 43.2623, 37.3549,

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

43.2623, 37.3549, 56.5598

Protanopia

37.5138, 37.5226, 62.3921

Deuteranopia

38.3069, 37.5555, 55.6820



Tritanopia

40.1823, 37.3091, 41.6428

Trichromacy



Original Color

43.2623, 37.3549, 56.5598

Protanomaly

39.3470, 37.2168, 60.3681

Deuteranomaly

39.9260, 37.3561, 56.1451

Tritanomaly

41.0653, 37.1633, 46.6038

Monochromacy



Original Color

43.2623, 37.3549, 56.5598

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.3163, 38.5200, 47.4824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2623, 37.3549, 56.5598 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(195, 150, 195)` looks like.

```
.text, #text, p{  
    color:rgb(195, 150, 195)  
}
```

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(195, 150, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 150, 195) }
```

Border

The CSS property to change the border of an element to XYZ 43.2623, 37.3549, 56.5598 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(195, 150, 195) }
```


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

```
.border{ border-color:rgb(195, 150, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 150, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 150, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 150, 195); box-shadow:4px 4px 4px 4px rgb(195, 150, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2623, 37.3549, 56.5598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 150, 195) }
```

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

```
.background{ background-color: rgb(195,  
150, 195) }
```

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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