

Converting Colors

XYZ(41.5245, 36.2042, 52.4276)

Have a look what the booklet for
XYZ(41.5245, 36.2042, 52.4276)
contains.

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Color

**XYZ(41.5628, 36.3322,
52.3992)**

Conversions

Conversions Part 1

Format	Color
Hex	C095BC
RGB	192, 149, 188
RGB Percent	75%, 58%, 74%
CMY	0.2471, 0.4157, 0.2627
CMYK	0.00, 0.22, 0.02, 0.25
HSL	306°, 25%, 67%
HSV	306°, 22%, 75%
XYZ	41.5628, 36.3322, 52.3992
YIQ	166.3030, 13.1090, 21.2450

Conversions

Conversions Part 2

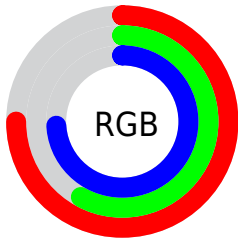
Format	Color
R _Y B	192, 149, 188
Decimal	12621244
CIE Lab	66.77, 22.73, -14.02
CIE LCh	67, 26.706, 328.340
Yxy	36.3322, 0.3190, 0.2788
Android (android.graphics.Color)	4290811324 (0xFFC095BC)
YUV	166.3030, 10.6966, 22.5363
Hunter-Lab	60.2762, 17.5994, -9.3485

Details

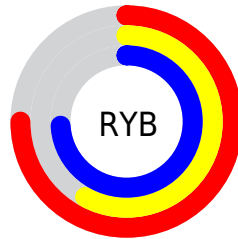
The XYZ color **41.5628, 36.3322, 52.3992** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.9953, 46.3899, 37.1433**, and the grayscale version is **36.3384, 38.2308, 41.6334**.

A 20% lighter version of the original color is **76.7520, 69.3833, 94.9350**, and **19.2221, 15.8879, 24.9752** is the 20% darker color. If you saturate the color by 10%, you get **38.5809, 30.6742, 50.4614**, and if you desaturate by 10%, it is **45.0500, 42.9959, 54.5180**.

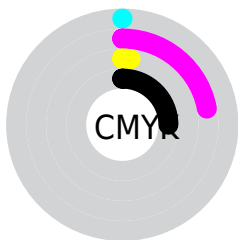
Distribution



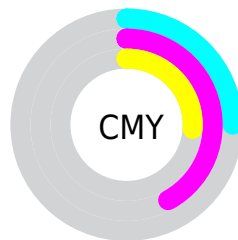
- Red (75%)
- Green (58%)
- Blue (74%)



- Red (75%)
- Yellow (58%)
- Blue (74%)



- Cyan (0%)
- Magenta (22%)
- Yellow (2%)
- Black (25%)





- Cyan (25%)
- Magenta (42%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5628, 36.3322, 52.3992 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 41.5628, 36.3322, 52.3992 by changing the saturation by 10% instead.


 41.5628, 36.3322,
52.3992


 41.5628, 36.3322,
52.3992

343.6899,
330.4102, 412.9765

 28.9487, 24.6909,
36.9389


 76.8068, 69.5445,
95.1523

 19.1861, 15.8469,
24.8648

 100.1675, 91.8843,
123.2822

 11.9096, 9.4159,
15.7582


127.8411,
118.5590, 156.4724

 6.7539, 5.0134,
9.2007

160.1929,
149.9530, 195.1414

 3.3537, 2.2551,
4.7738

197.5883,
186.4507, 239.7078

 1.3434, 0.7498,
2.0587

240.3927,

 0.2154, 0.0000,

228.4366, 290.5900

0.5910

288.9715,
276.2949, 348.2068

■ 0.0000, 0.0000,
0.0000

■ 41.5628, 36.3322,
52.3992

■ 41.5628, 36.3322,
52.3992

■ 38.5809, 30.6742,
50.4614

■ 45.0500, 42.9959,
54.5180

■ 36.0766, 25.9680,
48.6940

■ 49.0621, 50.7061,
56.8233

■ 34.0243, 22.1621,
47.0891

■ 53.6216, 59.5073,
59.3228

■ 32.3948, 19.1980,
45.6367

■ 58.7488, 69.4400,
62.0234

■ 31.1555, 17.0107,
44.3259

■ 64.4628, 80.5426,
64.9316

■ 30.2690, 15.5251,
43.1443

■ 67.7747, 86.8371,
67.0510

■ 29.6906, 14.6519,
42.0769

■ 67.9831, 86.9204,
68.1479

■ 29.3920, 14.2680,
41.3199

■ 68.1938, 87.0047,
69.2577

■ 68.4070, 87.0900,
70.3804

Harmonies

Analogous

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



38.3462, 36.3322, 62.5032



41.5628, 36.3322, 52.3992



42.8786, 36.3322, 40.2066

Triad

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



41.5628, 36.3322, 52.3992



34.7578, 36.3322, 21.2536



28.1471, 36.3322, 51.0664

Complementary

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



41.5628, 36.3322, 52.3992



36.9953, 46.3899, 37.1433

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.



27.3467, 36.3322, 38.9196



41.5628, 36.3322, 52.3992



30.9808, 36.3322, 23.0552

Square

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



41.5628, 36.3322, 52.3992



38.7650, 36.3322, 23.5070



28.3436, 36.3322, 29.0100



30.6202, 36.3322, 61.6343

Rectangle

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



41.5628, 36.3322, 52.3992



42.4289, 36.3322, 32.9749



28.3436, 36.3322, 29.0100



27.6824, 36.3322, 46.9672

Sweetspot

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



41.5639, 36.3338, 52.4000



85.3454, 85.0424, 100.9454



33.3218, 32.0343, 54.2969



18.2150, 18.0629, 21.6019



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.5639, 36.3338, 52.4000



72.4759, 60.4453, 93.1350



39.4543, 35.4900, 41.2911



10.4556, 10.2308, 12.4896



19.7928, 9.6069, 27.8845



0.8672, 0.4199, 1.2680

Inverse Universe

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



41.5639, 36.3338, 52.4000



72.4759, 60.4453, 93.1350



38.8935, 47.1492, 47.1391



10.4556, 10.2308, 12.4896



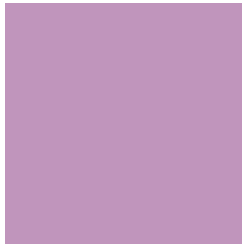
19.7928, 9.6069, 27.8845



0.8672, 0.4199, 1.2680

Previews

White Background



This preview shows how the XYZ color 41.5628, 36.3322, 52.3992 looks on a white background.

Color Contrast Check

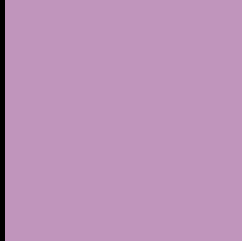
Large Text (above 18pt) WCAG AA × Fail

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 41.5628, 36.3322, 52.3992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

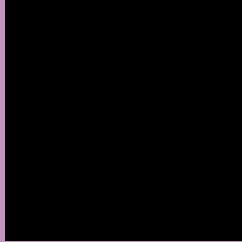
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5628, 36.3322, 52.3992

Background



This preview shows how black text looks on a background with the XYZ color 41.5628, 36.3322, 52.3992.



This preview shows how white text looks on a background with the XYZ color 41.5628, 36.3322,

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

41.5628, 36.3322, 52.3992

Protanopia

36.2262, 36.4438, 57.3496

Deuteranopia

37.1974, 36.5569, 51.5501



Tritanopia

39.1690, 36.3179, 40.5429

Trichromacy



Original Color

41.5628, 36.3322, 52.3992

Protanomaly

37.8311, 36.2890, 55.4626

Deuteranomaly

38.5955, 36.2607, 51.9785

Tritanomaly

40.0063, 36.4208, 44.4565

Monochromacy



Original Color

41.5628, 36.3322, 52.3992

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.8900, 37.3116, 45.2492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5628, 36.3322, 52.3992 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(192, 149, 188)` looks like.

```
.text, #text, p{  
    color:rgb(192, 149, 188)  
}
```

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(192, 149, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 149, 188) }
```

Border

The CSS property to change the border of an element to XYZ 41.5628, 36.3322, 52.3992 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(192, 149, 188) }
```


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

```
.border{ border-color:rgb(192, 149, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 149, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 149, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 149, 188);  
box-shadow:4px 4px 4px 4px rgb(192, 149,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5628, 36.3322, 52.3992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 149, 188) }
```

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

```
.background{ background-color: rgb(192,  
149, 188) }
```

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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