

Converting Colors

XYZ(35.1605, 32.2840, 44.0907)

Have a look what the booklet for
XYZ(35.1605, 32.2840, 44.0907)
contains.

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Color

**XYZ(35.1238, 32.2666,
43.9120)**

Conversions

Conversions Part 1

Format	Color
Hex	AE91AD
RGB	174, 145, 173
RGB Percent	68%, 57%, 68%
CMY	0.3176, 0.4314, 0.3216
CMYK	0.00, 0.17, 0.01, 0.32
HSL	302°, 15%, 63%
HSV	302°, 17%, 68%
XYZ	35.1238, 32.2666, 43.9120
YIQ	156.8630, 8.2960, 14.8560

Conversions

Conversions Part 2

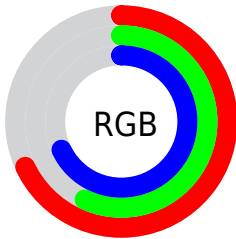
Format	Color
RYB	174, 145, 173
Decimal	11440557
CIELab	63.56, 15.86, -10.59
CIELCh	64, 19.071, 326.277
Yxy	32.2666, 0.3156, 0.2899
Android (android.graphics.Color)	4289630637 (0xFFAE91AD)
YUV	156.8630, 7.9555, 15.0291
Hunter-Lab	56.8037, 10.9666, -6.0714

Details

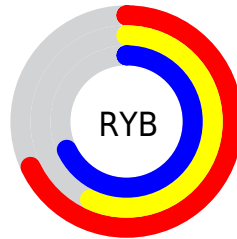
The XYZ color **35.1238, 32.2666, 43.9120** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **32.0027, 38.3682, 32.9150**, and the grayscale version is **31.9498, 33.6137, 36.6053**.

A 20% lighter version of the original color is **67.0601, 63.2713, 82.0769**, and **15.3391, 13.4508, 19.8770** is the 20% darker color. If you saturate the color by 10%, you get **32.6084, 27.3280, 42.7879**, and if you desaturate by 10%, it is **38.0486, 38.0225, 45.1746**.

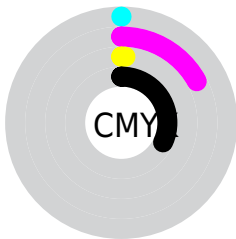
Distribution



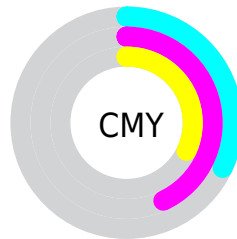
- Red (68%)
- Green (57%)
- Blue (68%)



- Red (68%)
- Yellow (57%)
- Blue (68%)



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (32%)





- Cyan (32%)
- Magenta (43%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1238, 32.2666, 43.9120 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 35.1238, 32.2666, 43.9120 by changing the saturation by 10% instead.


 35.1238, 32.2666,
43.9120


 35.1238, 32.2666,
43.9120


316.6129,
312.3319, 378.3799

 23.9252, 21.5652,
30.2646


 67.0103, 63.2288,
82.3864

 15.4026, 13.5378,
19.7858


 88.4289, 84.2584,
108.0505

 9.1906, 7.7999,
12.0569


113.9848,
109.4995, 138.5572

 4.9238, 3.9672,
6.6594

144.0436,
139.3366, 174.3252

 2.2369, 1.6552,
3.1748

178.9704,
174.1540, 215.7729

 0.7621, 0.3944,
1.1846

219.1306,

 0.0000, 0.0000,

214.3360, 263.3189

0.0000

264.8897,
260.2672, 317.3817

■ 35.1238, 32.2666,
43.9120

■ 35.1238, 32.2666,
43.9120

■ 32.6084, 27.3280,
42.7879

■ 38.0486, 38.0225,
45.1746

■ 30.4810, 23.1656,
41.7942

■ 41.3972, 44.6262,
46.5793

■ 28.7228, 19.7410,
40.9247

■ 45.1869, 52.1116,
48.1323

■ 27.3120, 17.0109,
40.1723

■ 49.4331, 60.5095,
49.8388

■ 26.2247, 14.9275,
39.5291

■ 54.1505, 69.8493,
51.7037

■ 25.4341, 13.4370,
38.9860

■ 59.3530, 80.1592,
53.7316

■ 24.9089, 12.4767,
38.5327

■ 61.1719, 83.7012,
54.6329

■ 24.6052, 11.9594,
38.1545

■ 61.2320, 83.7253,
54.9492

■ 24.5236, 11.8259,
38.0352

■ 61.2923, 83.7494,
55.2669

Harmonies

Analogous

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



32.9898, 32.2666, 49.9777



35.1238, 32.2666, 43.9120



36.0626, 32.2666, 36.0929

Triad

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



35.1238, 32.2666, 43.9120



31.0019, 32.2666, 22.4454



26.3057, 32.2666, 42.0274

Complementary

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



35.1238, 32.2666, 43.9120



32.0027, 38.3682, 32.9150

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.



25.8409, 32.2666, 34.1899



35.1238, 32.2666, 43.9120



28.4586, 32.2666, 23.5638

Square

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



35.1238, 32.2666, 43.9120



33.5976, 32.2666, 24.3003



26.6067, 32.2666, 27.6095



27.9147, 32.2666, 48.7839

Rectangle

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



35.1238, 32.2666, 43.9120



35.8466, 32.2666, 31.1838



26.6067, 32.2666, 27.6095



26.0146, 32.2666, 39.4019

Sweetspot

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



35.1248, 32.2680, 43.9127



69.9212, 70.7528, 82.3254



29.6149, 29.4164, 44.1621



15.4523, 15.5512, 18.2602



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



35.1248, 32.2680, 43.9127



61.9438, 55.0559, 78.8713



33.7997, 31.7380, 36.9348



8.3250, 8.1432, 10.0221



17.7915, 8.5792, 27.6114



0.4986, 0.2401, 0.7872

Inverse Universe

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



35.1248, 32.2680, 43.9127



61.9438, 55.0559, 78.8713



33.2004, 38.8472, 39.2217



8.3250, 8.1432, 10.0221



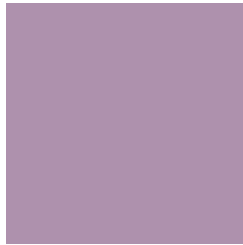
17.7915, 8.5792, 27.6114



0.4986, 0.2401, 0.7872

Previews

White Background



This preview shows how the XYZ color 35.1238, 32.2666, 43.9120 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 35.1238, 32.2666, 43.9120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

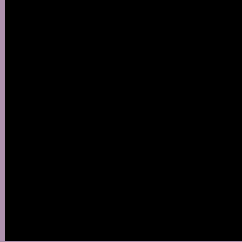
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1238, 32.2666, 43.9120

Background



This preview shows how black text looks on a background with the XYZ color 35.1238, 32.2666, 43.9120.



This preview shows how white text looks on a background with the XYZ color 35.1238, 32.2666,

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

35.1238, 32.2666, 43.9120

Protanopia

32.0048, 32.4808, 46.7021

Deuteranopia

33.0507, 32.3683, 43.5355



Tritanopia

33.7050, 32.1413, 37.2283

Trichromacy



Original Color

35.1238, 32.2666, 43.9120

Protanomaly

33.0409, 32.3182, 45.5709

Deuteranomaly

33.7622, 32.2654, 43.4781

Tritanomaly

34.2133, 32.1223, 39.5190

Monochromacy



Original Color

35.1238, 32.2666, 43.9120

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.1063, 33.2133, 39.3163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1238, 32.2666, 43.9120 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(174, 145, 173)` looks like.

```
.text, #text, p{  
    color:rgb(174, 145, 173)  
}
```

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(174, 145, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 145, 173) }
```

Border

The CSS property to change the border of an element to XYZ 35.1238, 32.2666, 43.9120 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(174, 145, 173) }
```


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

```
.border{ border-color:rgb(174, 145, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 145, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 145, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 145, 173);  
box-shadow:4px 4px 4px 4px rgb(174, 145,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1238, 32.2666, 43.9120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 145, 173) }
```

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

```
.background{ background-color: rgb(174,  
145, 173) }
```

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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