

Converting Colors

XYZ(38.2549, 38.9744, 45.5512)

Have a look what the booklet for
XYZ(38.2549, 38.9744, 45.5512)
contains.

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Color

**XYZ(38.2895, 39.0991,
45.5732)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA6AE
RGB	172, 166, 174
RGB Percent	67%, 65%, 68%
CMY	0.3255, 0.3490, 0.3176
CMYK	0.01, 0.05, 0.00, 0.32
HSL	285°, 5%, 67%
HSV	285°, 5%, 68%
XYZ	38.2895, 39.0991, 45.5732
YIQ	168.7060, 1.0080, 3.7600

Conversions

Conversions Part 2

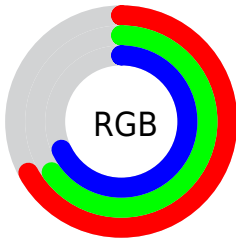
Format	Color
RYB	172, 166, 174
Decimal	11314862
CIELab	68.82, 3.66, -3.36
CIElCh	69, 4.967, 317.452
Yxy	39.0991, 0.3114, 0.3180
Android (android.graphics.Color)	4289504942 (0xFFACA6AE)
YUV	168.7060, 2.6099, 2.8888
Hunter-Lab	62.5293, -0.1226, 0.5582

Details

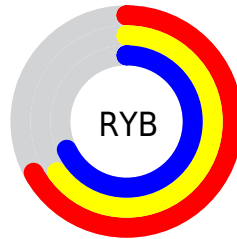
The XYZ color **38.2895, 39.0991, 45.5732** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.1688, 41.3511, 42.0482**, and the grayscale version is **37.5550, 39.5108, 43.0272**.

A 20% lighter version of the original color is **71.6779, 73.7009, 84.5766**, and **17.2759, 17.4328, 20.8667** is the 20% darker color. If you saturate the color by 10%, you get **34.3991, 32.7123, 44.5461**, and if you desaturate by 10%, it is **42.6414, 46.3612, 46.7462**.

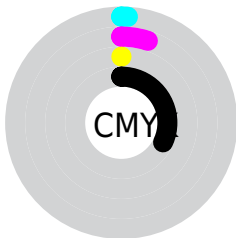
Distribution



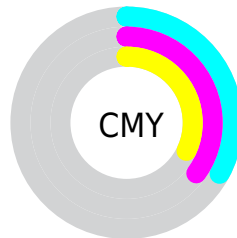
- Red (67%)
- Green (65%)
- Blue (68%)



- Red (67%)
- Yellow (65%)
- Blue (68%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (32%)



- Cyan (33%)
- Magenta (35%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2895, 39.0991, 45.5732 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 38.2895, 39.0991, 45.5732 by changing the saturation by 10% instead.

■ 38.2895, 39.0991,
45.5732

■ 38.2895, 39.0991,
45.5732

330.1196,
342.3116, 385.3177

■ 26.3857, 26.8368,
31.5629

■ 71.8527, 73.7897,
84.9074

■ 17.2466, 17.4507,
20.7658

■ 94.2428, 96.9868,
111.0685

■ 10.5069, 10.5564,
12.7634

120.8590,
124.5976, 142.1169

■ 5.8011, 5.7694,
7.1370

152.0667,
157.0066, 178.4711

■ 2.7640, 2.7054,
3.4682

188.2313,
194.5981, 220.5498

■ 1.0302, 0.9799,
1.3384

229.7181,

■ 0.0000, 0.0000,

237.7565, 268.7714

0.0929

276.8924,
286.8662, 323.5545

■ 0.0000, 0.0000,
0.0000

■ 38.2895, 39.0991,
45.5732

■ 38.2895, 39.0991,
45.5732

■ 34.3991, 32.7123,
44.5461

■ 42.6414, 46.3612,
46.7462

■ 30.9494, 27.1616,
43.6565

■ 47.4677, 54.5261,
48.0678

■ 27.9231, 22.4121,
42.8992

■ 52.7853, 63.6260,
49.5439

■ 25.3003, 18.4244,
42.2678

■ 58.6088, 73.6902,
51.1796

■ 23.0594, 15.1559,
41.7550

■ 64.9525, 84.7467,
52.9794

■ 21.1767, 12.5597,
41.3531

■ 66.7171, 86.5964,
53.2434

■ 19.6257, 10.5831,
41.0533

■ 67.8815, 87.1967,
53.2979

■ 18.3758, 9.1656,
40.8456

■ 69.0790, 87.8140,
53.3539

■ 17.3901, 8.2339,
40.7177

■ 70.3101, 88.4486,
53.4115

Harmonies

Analogous

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



37.6186, 39.0991, 46.8456



38.2895, 39.0991, 45.5732



38.6606, 39.0991, 43.5216

Triad

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



38.2895, 39.0991, 45.5732



37.4925, 39.0991, 38.4772



35.7363, 39.0991, 43.8864

Complementary

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



38.2895, 39.0991, 45.5732



38.1688, 41.3511, 42.0482

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.



35.7037, 39.0991, 41.6369



38.2895, 39.0991, 45.5732



36.7101, 39.0991, 38.5670

Square

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



38.2895, 39.0991, 45.5732



38.1961, 39.0991, 39.4561



36.0579, 39.0991, 39.7061



36.1478, 39.0991, 45.8484

Rectangle

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



38.2895, 39.0991, 45.5732



38.6846, 39.0991, 42.0122



36.0579, 39.0991, 39.7061



35.6809, 39.0991, 43.1373

Sweetspot

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



38.2906, 39.1008, 45.5741



72.1813, 75.4518, 83.3962



37.3947, 39.2192, 45.6441



16.0525, 16.7857, 18.5382



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.



38.2906, 39.1008, 45.5741



68.3359, 69.0742, 82.3678



38.5522, 39.2565, 44.6432



8.3860, 8.4532, 10.1423



12.3294, 5.7159, 29.4980



0.3891, 0.1828, 0.8228

Inverse Universe

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



38.1610, 39.1000, 42.5834



68.0312, 69.0751, 75.2143



37.9188, 41.2023, 42.9367



8.3463, 8.4535, 9.2041



13.0044, 6.6643, 2.4028



0.3836, 0.1941, 0.1820

Previews

White Background



This preview shows how the XYZ color 38.2895, 39.0991, 45.5732 looks on a white background.

Color Contrast Check

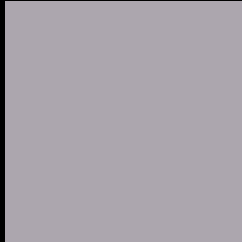
Large Text (above 18pt) WCAG AA × Fail

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 38.2895, 39.0991, 45.5732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

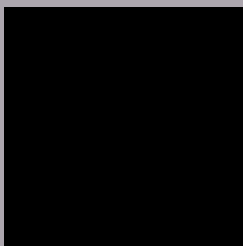
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

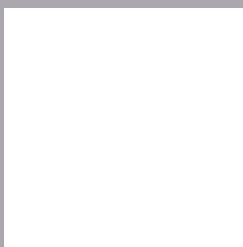
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.2895, 39.0991, 45.5732

Background



This preview shows how black text looks on a background with the XYZ color 38.2895, 39.0991, 45.5732.



This preview shows how white text looks on a background with the XYZ color 38.2895, 39.0991,

45.5732.

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

38.2895, 39.0991, 45.5732

Protanopia

37.9188, 39.1676, 46.1190

Deuteranopia

39.8911, 39.1133, 46.0046



Tritanopia

38.7246, 39.0089, 47.6079

Trichromacy



Original Color

38.2895, 39.0991, 45.5732

Protanomaly

38.1341, 39.2786, 46.1291

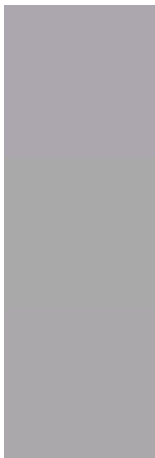
Deuteranomaly

39.3734, 39.1110, 46.0314

Tritanomaly

38.6245, 38.9688, 47.0810

Monochromacy



Original Color

38.2895, 39.0991, 45.5732

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.9309, 39.4916, 44.1515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2895, 39.0991, 45.5732 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(172, 166, 174)` looks like.

```
.text, #text, p{  
    color:rgb(172, 166, 174)  
}
```

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(172, 166, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 166, 174) }
```

Border

The CSS property to change the border of an element to XYZ 38.2895, 39.0991, 45.5732 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(172, 166, 174) }
```


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

```
.border{ border-color:rgb(172, 166, 174) }
```

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

Here you see how a box with a 4 pixel rgb(172, 166, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 166, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 166, 174);  
box-shadow:4px 4px 4px 4px rgb(172, 166,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2895, 39.0991, 45.5732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 166, 174) }
```

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

```
.background{ background-color: rgb(172,  
166, 174) }
```

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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