

Converting Colors

XYZ(36.9068, 36.3165, 44.0943)

Have a look what the booklet for
XYZ(36.9068, 36.3165, 44.0943)
contains.

XYZ(36.9068, 36.3165, 44.0943)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.9068, 36.3165,
44.0943)**

Conversions

Conversions Part 1

Format	Color
Hex	AD9EAC
RGB	173, 158, 172
RGB Percent	68%, 62%, 67%
CMY	0.3216, 0.3804, 0.3255
CMYK	0.00, 0.09, 0.01, 0.32
HSL	304°, 8%, 65%
HSV	304°, 9%, 68%
XYZ	36.9068, 36.3165, 44.0943
YIQ	164.0810, 4.4460, 7.5340

Conversions

Conversions Part 2

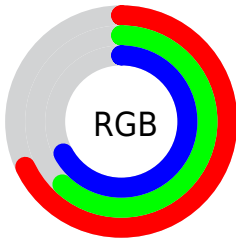
Format	Color
R_{YB}	173, 158, 172
Decimal	11378348
CIE Lab	66.76, 8.05, -5.28
CIE LCh	67, 9.623, 326.742
Yxy	36.3165, 0.3146, 0.3096
Android (android.graphics.Color)	4289568428 (0xFFAD9EAC)
YUV	164.0810, 3.9041, 7.8220
Hunter-Lab	60.2632, 3.8577, -1.1980

Details

The XYZ color **36.9068, 36.3165, 44.0943** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.3035, 39.6604, 38.5973**, and the grayscale version is **35.3065, 37.1452, 40.4511**.

A 20% lighter version of the original color is **69.6543, 69.6285, 82.4415**, and **16.5330, 15.9364, 19.9739** is the 20% darker color. If you saturate the color by 10%, you get **34.0512, 30.7814, 42.5986**, and if you desaturate by 10%, it is **40.1808, 42.6860, 45.7351**.

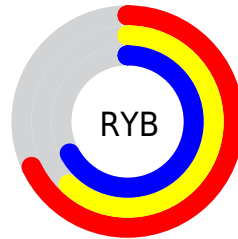
Distribution



Red (68%)

Green (62%)

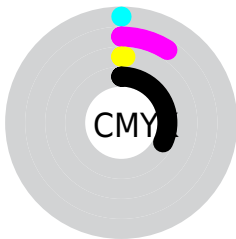
Blue (67%)



Red (68%)

Yellow (62%)

Blue (67%)

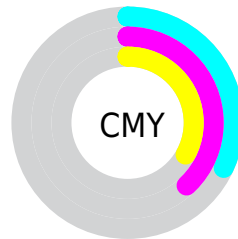


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (32%)



Cyan (32%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.9068, 36.3165, 44.0943 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 36.9068, 36.3165, 44.0943 by changing the saturation by 10% instead.

■ 36.9068, 36.3165,
44.0943

■ 36.9068, 36.3165,
44.0943

324.2694,
330.3418, 379.1456

■ 25.3087, 24.6787,
30.4069

■ 69.7442, 69.5203,
82.6636

■ 16.4371, 15.8379,
19.8930

■ 91.7142, 91.8551,
108.3826

■ 9.9268, 9.4095,
12.1340

117.8721,
118.5244, 138.9492

■ 5.4124, 5.0092,
6.7113

148.5835,
149.9126, 174.7820

■ 2.5284, 2.2527,
3.2065

184.2135,
186.4040, 216.2995

■ 0.9096, 0.7485,
1.2010

225.1276,

■ 0.0000, 0.0000,

228.3831, 263.9202

0.0000

271.6911,
276.2342, 318.0627

■ 36.9068, 36.3165,
44.0943

■ 36.9068, 36.3165,
44.0943

■ 34.0512, 30.7814,
42.5986

■ 40.1808, 42.6860,
45.7351

■ 31.5937, 26.0414,
41.2400

■ 43.8865, 49.9176,
47.5240

■ 29.5169, 22.0612,
40.0129

■ 48.0401, 58.0437,
49.4671

■ 27.8008, 18.8008,
38.9107

■ 52.6563, 67.0935,
51.5692

■ 26.4236, 16.2169,
37.9263

■ 57.7492, 77.0949,
53.8349

■ 25.3613, 14.2612,
37.0515

■ 61.1226, 83.6559,
55.5322

■ 24.5866, 12.8792,
36.2772

■ 61.2397, 83.7027,
56.1490

■ 24.0675, 12.0070,
35.5929

■ 61.3578, 83.7500,
56.7709

■ 23.7466, 11.5295,
34.9792

■ 61.4769, 83.7976,
57.3980

Harmonies

Analogous

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



35.7901, 36.3165, 47.1262



36.9068, 36.3165, 44.0943



37.3825, 36.3165, 39.9989

Triad

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



36.9068, 36.3165, 44.0943



34.6768, 36.3165, 32.0807



32.0826, 36.3165, 43.2528

Complementary

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



36.9068, 36.3165, 44.0943



35.3035, 39.6604, 38.5973

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.



31.8032, 36.3165, 39.0895



36.9068, 36.3165, 44.0943



33.2759, 36.3165, 32.8194

Square

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



36.9068, 36.3165, 44.0943



36.0725, 36.3165, 33.2227



32.2341, 36.3165, 35.3152



33.0083, 36.3165, 46.6169

Rectangle

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



36.9068, 36.3165, 44.0943



37.2626, 36.3165, 37.2824



32.2341, 36.3165, 35.3152



31.9111, 36.3165, 41.8922

Sweetspot

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



36.9079, 36.3181, 44.0951



69.2979, 71.2612, 80.5887



34.0693, 34.8436, 44.4655



14.9589, 15.2900, 17.4631



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



36.9079, 36.3181, 44.0951



65.2821, 63.4561, 78.5516



36.2077, 36.0380, 40.4082



8.3137, 8.1387, 9.9626



17.4252, 8.4326, 25.6823



0.4915, 0.2373, 0.7499

Inverse Universe

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



36.9079, 36.3181, 44.0951



65.2821, 63.4561, 78.5516



35.9742, 39.9287, 42.1294



8.3137, 8.1387, 9.9626



17.4252, 8.4326, 25.6823



0.4915, 0.2373, 0.7499

Previews

White Background



This preview shows how the XYZ color 36.9068, 36.3165, 44.0943 looks on a white background.

Color Contrast Check

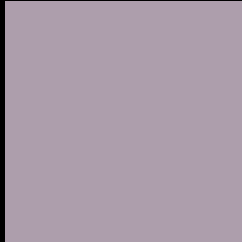
Large Text (above 18pt) WCAG AA × Fail

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 36.9068, 36.3165, 44.0943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

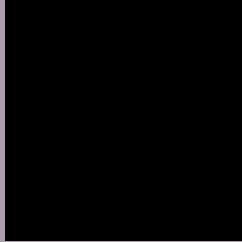
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.9068, 36.3165, 44.0943

Background



This preview shows how black text looks on a background with the XYZ color 36.9068, 36.3165, 44.0943.



This preview shows how white text looks on a background with the XYZ color 36.9068, 36.3165,

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

36.9068, 36.3165, 44.0943

Protanopia

35.2851, 36.2271, 45.1772

Deuteranopia

37.1288, 36.4309, 44.1047



Tritanopia

36.8111, 36.2782, 43.5903

Trichromacy



Original Color

36.9068, 36.3165, 44.0943

Protanomaly

35.8395, 36.2657, 44.6462

Deuteranomaly

37.1288, 36.4309, 44.1047

Tritanomaly

36.8111, 36.2782, 43.5903

Monochromacy



Original Color

36.9068, 36.3165, 44.0943

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.8317, 36.8462, 41.7827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9068, 36.3165, 44.0943 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(173, 158, 172)` looks like.

```
.text, #text, p{  
    color:rgb(173, 158, 172)  
}
```

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(173, 158, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 158, 172) }
```

Border

The CSS property to change the border of an element to XYZ 36.9068, 36.3165, 44.0943 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(173, 158, 172) }
```


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

```
.border{ border-color:rgb(173, 158, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 158, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 158, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 158, 172);  
box-shadow:4px 4px 4px 4px rgb(173, 158,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9068, 36.3165, 44.0943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 158, 172) }
```

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

```
.background{ background-color: rgb(173,  
158, 172) }
```

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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