

Converting Colors

XYZ(36.3204, 39.9008, 38.5882)

Have a look what the booklet for
XYZ(36.3204, 39.9008, 38.5882)
contains.

XYZ(36.3204, 39.9008, 38.5882)	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(36.3204, 39.9008,
38.5882)**

Conversions

Conversions Part 1

Format	Color
Hex	A4AC9F
RGB	164, 172, 159
RGB Percent	64%, 67%, 62%
CMY	0.3569, 0.3255, 0.3765
CMYK	0.05, 0.00, 0.08, 0.33
HSL	97°, 7%, 65%
HSV	97°, 8%, 67%
XYZ	36.3204, 39.9008, 38.5882
YIQ	168.1260, -0.5950, -5.7390

Conversions

Conversions Part 2

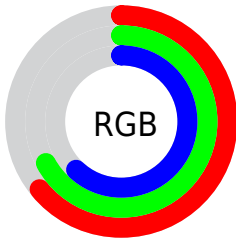
Format	Color
RYB	159, 172, 167
Decimal	10792095
CIELab	69.40, -5.26, 5.71
CIElCh	69, 7.763, 132.702
Yxy	39.9008, 0.3164, 0.3475
Android (android.graphics.Color)	4288982175 (0xFFA4AC9F)
YUV	168.1260, -4.4991, -3.6185
Hunter-Lab	63.1671, -7.9068, 7.9972

Details

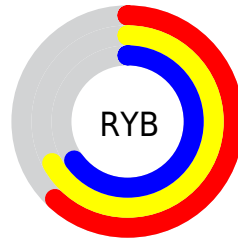
The XYZ color **36.3204, 39.9008, 38.5882** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.7824, 35.9914, 44.0929**, and the grayscale version is **37.3039, 39.2466, 42.7395**.

A 20% lighter version of the original color is **68.8201, 74.8533, 74.4392**, and **16.1053, 17.9604, 16.8052** is the 20% darker color. If you saturate the color by 10%, you get **32.8361, 38.2664, 31.1684**, and if you desaturate by 10%, it is **40.1966, 41.7155, 47.1123**.

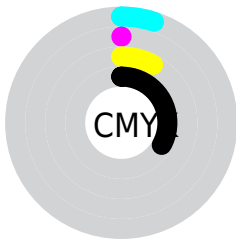
Distribution



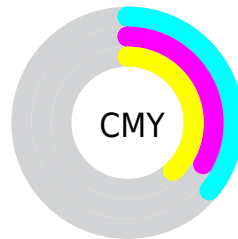
- Red (64%)
- Green (67%)
- Blue (62%)



- Red (62%)
- Yellow (67%)
- Blue (65%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (33%)



- Cyan (36%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3204, 39.9008, 38.5882 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 36.3204, 39.9008, 38.5882 by changing the saturation by 10% instead.

■ 36.3204, 39.9008,
38.5882

■ 36.3204, 39.9008,
38.5882

321.7657,
345.7053, 355.5101

■ 24.8530, 27.4612,
26.1342

■ 68.8470, 75.0124,
74.2222

■ 16.0957, 17.9199,
16.6974

■ 90.6368, 98.4533,
98.2392

■ 9.6832, 10.8925,
9.8593

116.5982,
126.3300, 126.9477

■ 5.2501, 5.9946,
5.2014

147.0965,
159.0269, 160.7661

■ 2.4310, 2.8418,
2.3051

182.4970,
196.9285, 200.1130

■ 0.8606, 1.0497,
0.7341

223.1652,

■ 0.0000, 0.0000,

240.4192, 245.4069

0.0000

269.4663,
289.8833, 297.0664

■ 36.3204, 39.9008,
38.5882

■ 36.3204, 39.9008,
38.5882

■ 32.8361, 38.2664,
31.1684

■ 40.1966, 41.7155,
47.1123

■ 29.7274, 36.8014,
24.8051

■ 44.4736, 43.7109,
56.7806

■ 26.9818, 35.5016,
19.4509

■ 49.1642, 45.8936,
67.6342

■ 24.5845, 34.3606,
15.0540

■ 54.2798, 48.2688,
79.7114

■ 22.5200, 33.3716,
11.5576

■ 59.8310, 50.8411,
93.0488

■ 20.7712, 32.5271,
8.8992

■ 64.6464, 53.1424,
101.4580

■ 19.3191, 31.8189,
7.0082

■ 68.0993, 54.9224,
101.6196

■ 18.1425, 31.2378,
5.8023

■ 71.7613, 56.8102,
101.7910

■ 17.2108, 30.7709,
5.1528

■ 74.0433, 57.9866,
101.8978

Harmonies

Analogous

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



37.3994, 39.9008, 37.0803



36.3204, 39.9008, 38.5882



35.6794, 39.9008, 41.4337

Triad

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



36.3204, 39.9008, 38.5882



37.2155, 39.9008, 50.3421



40.3138, 39.9008, 41.9517

Complementary

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



36.3204, 39.9008, 38.5882



35.7824, 35.9914, 44.0929

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.



40.2619, 39.9008, 45.5207



36.3204, 39.9008, 38.5882



38.4545, 39.9008, 50.4997

Square

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



36.3204, 39.9008, 38.5882



36.1883, 39.9008, 48.2742



39.5752, 39.9008, 48.6935



39.7153, 39.9008, 38.9494

Rectangle

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



36.3204, 39.9008, 38.5882



35.5778, 39.9008, 43.7699



39.5752, 39.9008, 48.6935



40.3722, 39.9008, 43.1221

Sweetspot

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



36.3215, 39.9025, 38.5891



69.6832, 74.1617, 78.2910



37.0550, 38.8397, 38.3453



15.1611, 16.1251, 17.0527



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.



36.3215, 39.9025, 38.5891



64.8295, 71.8885, 67.7141



35.4232, 39.4263, 39.1392



8.1848, 9.0838, 8.5353



12.7145, 22.8516, 3.7407



0.4159, 0.6678, 0.1070

Inverse Universe

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



35.7824, 35.9914, 44.0929



63.6570, 63.3821, 79.6846



36.7350, 36.4968, 43.4887



8.0343, 7.9920, 10.0718



10.0151, 4.5229, 29.3897



0.3372, 0.1560, 0.8203

Previews

White Background



This preview shows how the XYZ color 36.3204, 39.9008, 38.5882 looks on a white background.

Color Contrast Check

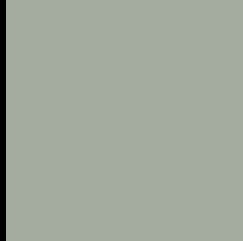
Large Text (above 18pt) WCAG AA × Fail

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 36.3204, 39.9008, 38.5882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

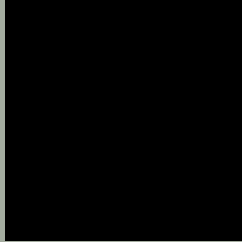
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

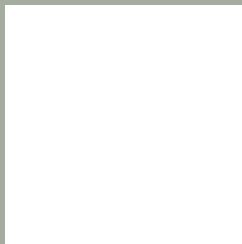
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.3204, 39.9008, 38.5882

Background



This preview shows how black text looks on a background with the XYZ color 36.3204, 39.9008, 38.5882.



This preview shows how white text looks on a background with the XYZ color 36.3204, 39.9008,

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

36.3204, 39.9008, 38.5882

Protanopia

37.9530, 39.9242, 37.6041

Deuteranopia

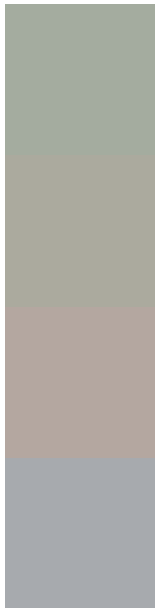
40.6947, 39.9429, 39.2831



Tritanopia

38.7799, 40.0782, 49.9479

Trichromacy



Original Color

36.3204, 39.9008, 38.5882

Protanomaly

37.3409, 39.8760, 38.0765

Deuteranomaly

38.9863, 39.8788, 38.9003

Tritanomaly

37.9511, 40.0209, 45.7690

Monochromacy



Original Color

36.3204, 39.9008, 38.5882

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.9158, 39.3080, 41.2388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3204, 39.9008, 38.5882 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(164, 172, 159) looks like.

```
.text, #text, p{  
    color:rgb(164, 172, 159)  
}
```

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(164, 172, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 172, 159) }
```

Border

The CSS property to change the border of an element to XYZ 36.3204, 39.9008, 38.5882 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(164, 172, 159) }
```


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

```
.border{ border-color:rgb(164, 172, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 172, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 172, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 172, 159);  
box-shadow:4px 4px 4px 4px rgb(164, 172,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3204, 39.9008, 38.5882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 172, 159) }
```

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

```
.background{ background-color: rgb(164,  
172, 159) }
```

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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