

Converting Colors

XYZ(36.3445, 39.6967, 43.4346)

Have a look what the booklet for
XYZ(36.3445, 39.6967, 43.4346)
contains.

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Color

**XYZ(36.4112, 39.8432,
43.3076)**

Conversions

Conversions Part 1

Format	Color
Hex	A0ACA9
RGB	160, 172, 169
RGB Percent	63%, 67%, 66%
CMY	0.3725, 0.3255, 0.3372
CMYK	0.07, 0.00, 0.02, 0.33
HSL	165°, 7%, 65%
HSV	165°, 7%, 67%
XYZ	36.4112, 39.8432, 43.3076
YIQ	168.0700, -6.1890, -3.4770

Conversions

Conversions Part 2

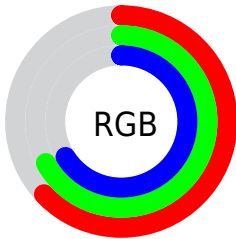
Format	Color
RYB	160, 167, 172
Decimal	10529961
CIELab	69.36, -4.79, 0.08
CIELCh	69, 4.786, 178.986
Yxy	39.8432, 0.3045, 0.3332
Android (android.graphics.Color)	4288720041 (0xFFFA0ACA9)
YUV	168.0700, 0.4585, -7.0774
Hunter-Lab	63.1215, -7.4960, 3.5062

Details

The XYZ color **36.4112, 39.8432, 43.3076** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.1964, 36.5577, 39.8008**, and the grayscale version is **37.2547, 39.1949, 42.6832**.

A 20% lighter version of the original color is **68.9480, 74.7671, 81.3185**, and **16.2340, 17.9685, 19.4423** is the 20% darker color. If you saturate the color by 10%, you get **32.8107, 38.0341, 41.0656**, and if you desaturate by 10%, it is **40.5031, 41.9063, 45.6437**.

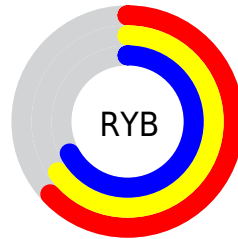
Distribution



Red (63%)

Green (67%)

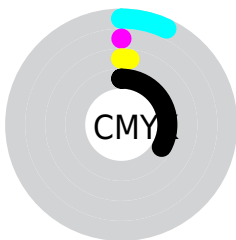
Blue (66%)



Red (63%)

Yellow (65%)

Blue (67%)

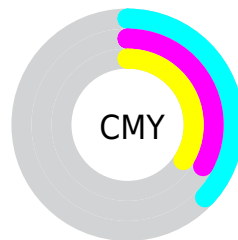


Cyan (7%)

Magenta (0%)

Yellow (2%)

Black (33%)



Cyan (37%)

Magenta (33%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4112, 39.8432, 43.3076 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 36.4112, 39.8432, 43.3076 by changing the saturation by 10% instead.

■ 36.4112, 39.8432,
43.3076

■ 36.4112, 39.8432,
43.3076

322.1542,
345.4622, 375.8336

■ 24.9235, 27.4163,
29.7933

■ 68.9860, 74.9247,
81.4662

■ 16.1485, 17.8861,
19.4311

■ 90.8038, 98.3481,
106.9476

■ 9.7208, 10.8683,
11.8022

116.7958,
126.2057, 137.2551

■ 5.2751, 5.9783,
6.4882

147.3271,
158.8821, 172.8073

■ 2.4460, 2.8319,
3.0706

182.7633,
196.7615, 214.0227

■ 0.8681, 1.0446,
1.1308

223.4697,

■ 0.0000, 0.0000,

240.2284, 261.3198

0.0000

269.8115,
289.6672, 315.1173

■ 36.4112, 39.8432,
43.3076

■ 36.4112, 39.8432,
43.3076

■ 32.8107, 38.0341,
41.0656

■ 40.5031, 41.9063,
45.6437

■ 29.6785, 36.4638,
38.9134

■ 45.1013, 44.2278,
48.0727

■ 26.9950, 35.1233,
36.8503

■ 50.2244, 46.8183,
50.5969

■ 24.7377, 34.0010,
34.8746

■ 55.8891, 49.6864,
53.2179

■ 22.8820, 33.0843,
32.9844

■ 62.1113, 52.8403,
55.9369

■ 21.4011, 32.3592,
31.1778

■ 65.8231, 54.6985,
58.6109

■ 20.2643, 31.8103,
29.4525

■ 66.3162, 54.8957,
61.2075

■ 19.4365, 31.4191,
27.8064

■ 66.8234, 55.0986,
63.8786

■ 18.8661, 31.1592,
26.2361

■ 67.3449, 55.3072,
66.6247

Harmonies

Analogous

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



36.6172, 39.8432, 41.2379



36.4112, 39.8432, 43.3076



36.5916, 39.8432, 45.4661

Triad

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



36.4112, 39.8432, 43.3076



38.5905, 39.8432, 47.1913



38.6364, 39.8432, 39.8551

Complementary

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



36.4112, 39.8432, 43.3076



36.1964, 36.5577, 39.8008

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.



39.1773, 39.8432, 41.3635



36.4112, 39.8432, 43.3076



39.1506, 39.8432, 45.6001

Square

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



36.4112, 39.8432, 43.3076



37.8436, 39.8432, 47.7536



39.3668, 39.8432, 43.4574



37.8959, 39.8432, 39.2866

Rectangle

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



36.4112, 39.8432, 43.3076



36.9081, 39.8432, 46.6553



39.3668, 39.8432, 43.4574



38.8480, 39.8432, 40.2664

Sweetspot

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



36.4123, 39.8449, 43.3085



69.6086, 74.0712, 80.6366



36.2442, 39.8525, 39.0404



15.1457, 16.1065, 17.5346



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.



36.4123, 39.8449, 43.3085



65.2477, 71.8751, 78.0814



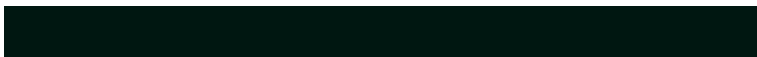
36.1701, 38.9041, 44.6346



8.1494, 9.0373, 9.8118



13.9484, 23.1446, 19.2999



0.4082, 0.6519, 0.6432

Inverse Universe

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



36.1964, 36.5577, 39.8008



64.7941, 64.9700, 70.7133



36.4215, 37.4334, 38.5641



8.0844, 8.0470, 8.7551



13.0047, 6.6644, 2.4041



0.3837, 0.1942, 0.1821

Previews

White Background



This preview shows how the XYZ color 36.4112, 39.8432, 43.3076 looks on a white background.

Color Contrast Check

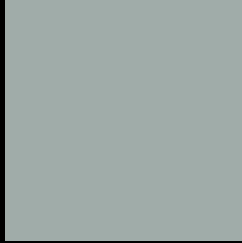
Large Text (above 18pt) WCAG AA × Fail

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 36.4112, 39.8432, 43.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

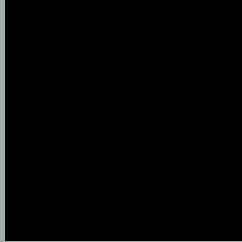
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

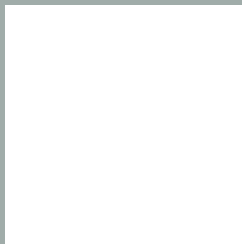
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.4112, 39.8432, 43.3076

Background



This preview shows how black text looks on a background with the XYZ color 36.4112, 39.8432, 43.3076.



This preview shows how white text looks on a background with the XYZ color 36.4112, 39.8432,

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

36.4112, 39.8432, 43.3076

Protanopia

38.2113, 39.6795, 42.2042

Deuteranopia

40.6337, 39.8055, 44.0697



Tritanopia

37.8223, 39.8497, 50.4981

Trichromacy



Original Color

36.4112, 39.8432, 43.3076

Protanomaly

37.4043, 39.5279, 42.7040

Deuteranomaly

38.9789, 39.7698, 43.6521

Tritanomaly

37.2967, 39.9172, 47.8585

Monochromacy



Original Color

36.4112, 39.8432, 43.3076

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.7729, 39.2024, 42.6745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4112, 39.8432, 43.3076 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(160, 172, 169)` looks like.

```
.text, #text, p{  
    color:rgb(160, 172, 169)  
}
```

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(160, 172, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 172, 169) }
```

Border

The CSS property to change the border of an element to XYZ 36.4112, 39.8432, 43.3076 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(160, 172, 169) }
```


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

```
.border{ border-color:rgb(160, 172, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 172, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 172, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 172, 169);  
box-shadow:4px 4px 4px 4px rgb(160, 172,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4112, 39.8432, 43.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 172, 169) }
```

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

```
.background{ background-color: rgb(160,  
172, 169) }
```

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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