

Converting Colors

XYZ(36.3194, 36.2864, 42.5097)

Have a look what the booklet for
XYZ(36.3194, 36.2864, 42.5097)
contains.

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Color

**XYZ(36.3542, 36.3188,
42.6303)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9FA9
RGB	171, 159, 169
RGB Percent	67%, 62%, 66%
CMY	0.3294, 0.3765, 0.3373
CMYK	0.00, 0.07, 0.01, 0.33
HSL	310°, 7%, 65%
HSV	310°, 7%, 67%
XYZ	36.3542, 36.3188, 42.6303
YIQ	163.7280, 3.9420, 5.6540

Conversions

Conversions Part 2

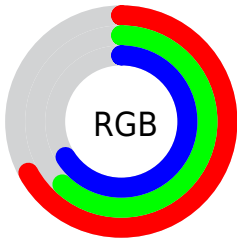
Format	Color
RYB	171, 159, 169
Decimal	11247529
CIELab	66.76, 6.21, -3.62
CIELCh	67, 7.187, 329.771
Yxy	36.3188, 0.3153, 0.3150
Android (android.graphics.Color)	4289437609 (0xFFAB9FA9)
YUV	163.7280, 2.5991, 6.3775
Hunter-Lab	60.2651, 2.2141, 0.2450

Details

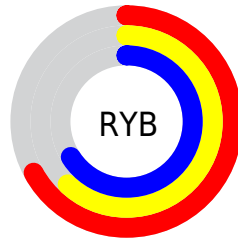
The XYZ color **36.3542, 36.3188, 42.6303** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.2954, 39.0710, 39.4014**, and the grayscale version is **35.1450, 36.9753, 40.2661**.

A 20% lighter version of the original color is **68.8651, 69.6437, 80.3340**, and **16.1812, 15.9314, 19.0519** is the 20% darker color. If you saturate the color by 10%, you get **33.3503, 30.7342, 40.3233**, and if you desaturate by 10%, it is **39.7728, 42.7225, 45.1053**.

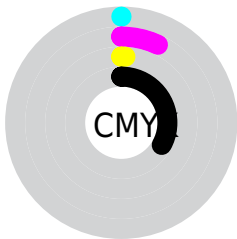
Distribution



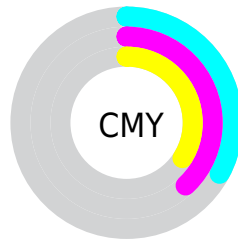
- Red (67%)
- Green (62%)
- Blue (66%)



- Red (67%)
- Yellow (62%)
- Blue (66%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (33%)



- Cyan (33%)
- Magenta (38%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3542, 36.3188, 42.6303 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 36.3542, 36.3188, 42.6303 by changing the saturation by 10% instead.

■ 36.3542, 36.3188,
42.6303

■ 36.3542, 36.3188,
42.6303

321.9103,
330.3518, 372.9656

■ 24.8793, 24.6805,
29.2659

■ 68.8987, 69.5238,
80.4330

■ 16.1154, 15.8392,
19.0348

■ 90.6990, 91.8594,
105.7084

■ 9.6972, 9.4104,
11.5183

116.6718,
118.5295, 135.7913

■ 5.2594, 5.0098,
6.2981

147.1824,
149.9185, 171.1001

■ 2.4366, 2.2530,
2.9555

182.5962,
186.4108, 212.0534

■ 0.8634, 0.7487,
1.0719

223.2785,

■ 0.0000, 0.0000,

228.3909, 259.0697

0.0000

269.5948,
276.2431, 312.5676

■ 36.3542, 36.3188,
42.6303

■ 36.3542, 36.3188,
42.6303

■ 33.3503, 30.7342,
40.3233

■ 39.7728, 42.7225,
45.1053

■ 30.7414, 25.9308,
38.1760

■ 43.6187, 49.9719,
47.7512

■ 28.5107, 21.8746,
36.1833

■ 47.9078, 58.0982,
50.5740

■ 26.6391, 18.5274,
34.3386

■ 52.6543, 67.1296,
53.5786

■ 25.1058, 15.8476,
32.6347

■ 57.8715, 77.0932,
56.7696

■ 23.8876, 13.7893,
31.0637

■ 61.4291, 83.7278,
59.4371

■ 22.9588, 12.3005,
29.6168

■ 61.7355, 83.8503,
61.0507

■ 22.2891, 11.3211,
28.2838

■ 62.0480, 83.9753,
62.6964

■ 21.8342, 10.7624,
27.0497

■ 62.3667, 84.1028,
64.3742

Harmonies

Analogous

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



35.5663, 36.3188, 44.9618



36.3542, 36.3188, 42.6303



36.6487, 36.3188, 39.5689

Triad

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



36.3542, 36.3188, 42.6303



34.5283, 36.3188, 33.8656



32.7404, 36.3188, 42.5868

Complementary

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



36.3542, 36.3188, 42.6303



35.2954, 39.0710, 39.4014

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.



32.4753, 36.3188, 39.5211



36.3542, 36.3188, 42.6303



33.4943, 36.3188, 34.5817

Square

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



36.3542, 36.3188, 42.6303



35.5811, 36.3188, 34.6036



32.7484, 36.3188, 36.6123



33.4801, 36.3188, 44.9358

Rectangle

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



36.3542, 36.3188, 42.6303



36.5208, 36.3188, 37.5580



32.7484, 36.3188, 36.6123



32.5935, 36.3188, 41.6008

Sweetspot

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



36.3552, 36.3204, 42.6311



68.0636, 70.5711, 78.5179



34.4483, 35.3155, 43.5297



15.1937, 15.7662, 17.5208



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.



36.3552, 36.3204, 42.6311



64.4672, 63.8489, 75.8690



35.8048, 36.1002, 39.7327



8.2789, 8.1248, 9.7793



16.3859, 8.0169, 20.2091



0.4708, 0.2290, 0.6410

Inverse Universe

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



36.3552, 36.3204, 42.6311



64.4672, 63.8489, 75.8690



35.8373, 39.2878, 42.2548



8.2789, 8.1248, 9.7793



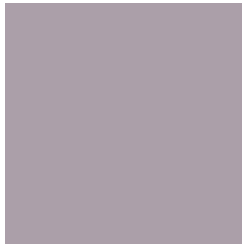
16.3859, 8.0169, 20.2091



0.4708, 0.2290, 0.6410

Previews

White Background



This preview shows how the XYZ color 36.3542, 36.3188, 42.6303 looks on a white background.

Color Contrast Check

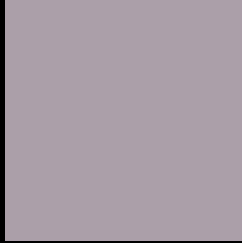
Large Text (above 18pt) WCAG AA × Fail

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 36.3542, 36.3188, 42.6303 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 36.3542, 36.3188, 42.6303

Background



This preview shows how black text looks on a background with the XYZ color 36.3542, 36.3188, 42.6303.



This preview shows how white text looks on a background with the XYZ color 36.3542, 36.3188,

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

36.3542, 36.3188, 42.6303

Protanopia

35.1048, 36.1785, 43.1631

Deuteranopia

37.0675, 36.4323, 42.6146



Tritanopia

36.5434, 36.3945, 43.6269

Trichromacy



Original Color

36.3542, 36.3188, 42.6303

Protanomaly

35.5524, 36.1509, 43.1342

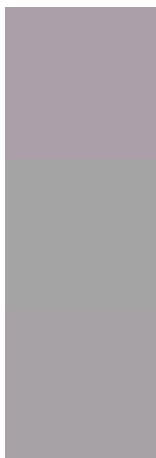
Deuteranomaly

36.8439, 36.3170, 42.6041

Tritanomaly

36.4484, 36.3565, 43.1267

Monochromacy



Original Color

36.3542, 36.3188, 42.6303

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.7396, 36.8093, 41.2976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3542, 36.3188, 42.6303 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(171, 159, 169)` looks like.

```
.text, #text, p{  
    color:rgb(171, 159, 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(171, 159, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 159, 169) }
```

Border

The CSS property to change the border of an element to XYZ 36.3542, 36.3188, 42.6303 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(171, 159, 169) }
```


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

```
.border{ border-color:rgb(171, 159, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 159, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 159, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 159, 169);  
box-shadow:4px 4px 4px 4px rgb(171, 159,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3542, 36.3188, 42.6303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 159, 169) }
```

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

```
.background{ background-color: rgb(171,  
159, 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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