

Converting Colors

XYZ(36.7279, 35.8044, 40.0955)

Have a look what the booklet for
XYZ(36.7279, 35.8044, 40.0955)
contains.

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Color

**XYZ(36.7208, 35.8044,
40.0975)**

Conversions

Conversions Part 1

Format	Color
Hex	B19CA4
RGB	177, 156, 164
RGB Percent	69%, 61%, 64%
CMY	0.3059, 0.3882, 0.3569
CMYK	0.00, 0.12, 0.07, 0.31
HSL	337°, 12%, 65%
HSV	337°, 12%, 69%
XYZ	36.7208, 35.8044, 40.0975
YIQ	163.1910, 9.9480, 6.9400

Conversions

Conversions Part 2

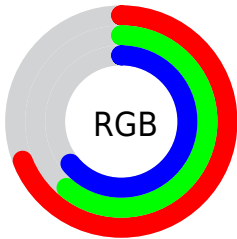
Format	Color
RYB	177, 156, 164
Decimal	11639972
CIELab	66.37, 9.12, -1.34
CIElCh	66, 9.216, 351.650
Yxy	35.8044, 0.3261, 0.3179
Android (android.graphics.Color)	4289830052 (0xFFB19CA4)
YUV	163.1910, 0.3988, 12.1105
Hunter-Lab	59.8368, 4.8280, 2.1546

Details

The XYZ color **36.7208, 35.8044, 40.0975** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.5953, 41.3778, 43.5961**, and the grayscale version is **34.8987, 36.7162, 39.9839**.

A 20% lighter version of the original color is **69.6847, 69.0266, 76.6685**, and **16.2884, 15.5581, 17.4738** is the 20% darker color. If you saturate the color by 10%, you get **33.0171, 29.9129, 34.1889**, and if you desaturate by 10%, it is **40.9446, 42.5988, 46.6012**.

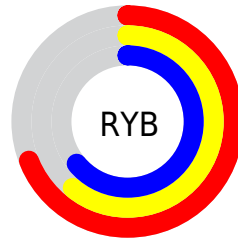
Distribution



Red (69%)

Green (61%)

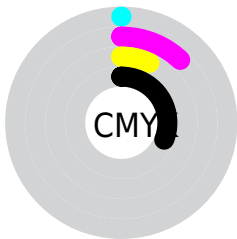
Blue (64%)



Red (69%)

Yellow (61%)

Blue (64%)

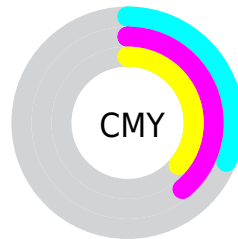


Cyan (0%)

Magenta (12%)

Yellow (7%)

Black (31%)



Cyan (31%)


Magenta (39%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7208, 35.8044, 40.0975 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 36.7208, 35.8044, 40.0975 by changing the saturation by 10% instead.


 36.7208, 35.8044,
40.0975


 36.7208, 35.8044,
40.0975

323.4767,
328.1048, 362.0987

 25.1641, 24.2832,
27.3002


 69.4598, 68.7301,
76.5507

 16.3287, 15.5438,
17.5644


 91.3728, 90.9033,
101.0436

 9.8494, 9.2019,
10.4715


117.4685,
117.3959, 130.2722

 5.3607, 4.8731,
5.6030

148.1124,
148.5924, 164.6550

 2.4973, 2.1730,
2.5404

183.6699,
184.8772, 204.6105

 0.8939, 0.7052,
0.8614

224.5062,

 0.0000, 0.0000,

226.6346, 250.5572

0.0000

270.9866,
274.2490, 302.9138

■ 36.7208, 35.8044,
40.0975

■ 36.7208, 35.8044,
40.0975

■ 33.0171, 29.9129,
34.1889

■ 40.9446, 42.5988,
46.6012

■ 29.8098, 24.8814,
28.8555

■ 45.7051, 50.3272,
53.7143

■ 27.0776, 20.6707,
24.0797

■ 51.0219, 59.0251,
61.4537

■ 24.7965, 17.2365,
19.8421

■ 56.9124, 68.7246,
69.8347

■ 22.9404, 14.5303,
16.1220

■ 63.3937, 79.4565,
78.8721

■ 21.4803, 12.4982,
12.8970

■ 68.1401, 86.5666,
87.7997

■ 20.3831, 11.0787,
10.1430

■ 69.7260, 87.2010,
96.1511

■ 19.6102, 10.1987,
7.8328

■ 71.4104, 87.8747,
105.0209

■ 19.1572, 9.7574,
6.2490

■ 71.9417, 88.0872,
107.8185

Harmonies

Analogous

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



36.1518, 35.8044, 43.8860



36.7208, 35.8044, 40.0975



36.5539, 35.8044, 36.2515

Triad

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



36.7208, 35.8044, 40.0975



33.0627, 35.8044, 32.3478



32.4131, 35.8044, 45.2447

Complementary

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



36.7208, 35.8044, 40.0975



36.5953, 41.3778, 43.5961

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.



31.6269, 35.8044, 41.8524



36.7208, 35.8044, 40.0975



31.9948, 35.8044, 34.4630

Square

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



36.7208, 35.8044, 40.0975



34.4173, 35.8044, 31.9478



31.4759, 35.8044, 37.8931



33.6476, 35.8044, 46.9862

Rectangle

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



36.7208, 35.8044, 40.0975



36.0498, 35.8044, 34.1556



31.4759, 35.8044, 37.8931



32.0890, 35.8044, 44.2492

Sweetspot

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



36.7218, 35.8060, 40.0983



71.5798, 73.4668, 80.7983



36.1770, 35.3825, 46.5183



15.3875, 15.7199, 17.3193



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.



36.7218, 35.8060, 40.0983



64.1072, 61.4747, 69.2034



36.4372, 36.3565, 36.5514



8.6258, 8.5570, 9.5280



13.9075, 7.0806, 4.6730



0.4665, 0.2344, 0.2995

Inverse Universe

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



36.7218, 35.8060, 40.0983



64.1072, 61.4747, 69.2034



36.8898, 40.7283, 47.5126



8.6258, 8.5570, 9.5280



13.9075, 7.0806, 4.6730



0.4665, 0.2344, 0.2995

Previews

White Background



This preview shows how the XYZ color 36.7208, 35.8044, 40.0975 looks on a white background.

Color Contrast Check

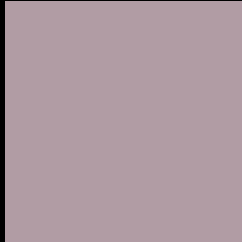
Large Text (above 18pt) WCAG AA × Fail

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 36.7208, 35.8044, 40.0975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

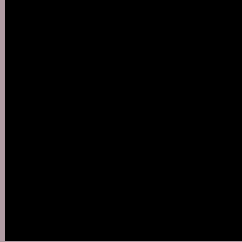
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.7208, 35.8044, 40.0975

Background



This preview shows how black text looks on a background with the XYZ color 36.7208, 35.8044, 40.0975.



This preview shows how white text looks on a background with the XYZ color 36.7208, 35.8044,

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

36.7208, 35.8044, 40.0975

Protanopia

34.8242, 36.0663, 41.6853

Deuteranopia

36.4938, 35.6874, 40.0869



Tritanopia

36.9207, 35.6170, 41.9746

Trichromacy



Original Color

36.7208, 35.8044, 40.0975

Protanomaly

35.4295, 35.8743, 41.1335

Deuteranomaly

36.4938, 35.6874, 40.0869

Tritanomaly

36.8279, 35.5798, 41.4858

Monochromacy



Original Color

36.7208, 35.8044, 40.0975

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.3301, 36.1108, 39.7583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7208, 35.8044, 40.0975 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(177, 156, 164)` looks like.

```
.text, #text, p{  
    color:rgb(177, 156, 164)  
}
```

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(177, 156, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 156, 164) }
```

Border

The CSS property to change the border of an element to XYZ 36.7208, 35.8044, 40.0975 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(177, 156, 164) }
```


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

```
.border{ border-color:rgb(177, 156, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 156, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 156, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 156, 164);  
box-shadow:4px 4px 4px 4px rgb(177, 156,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7208, 35.8044, 40.0975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 156, 164) }
```

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

```
.background{ background-color: rgb(177,  
156, 164) }
```

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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