

Converting Colors

XYZ(36.8893, 36.1414, 40.1537)

Have a look what the booklet for
XYZ(36.8893, 36.1414, 40.1537)
contains.

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Color

**XYZ(36.8893, 36.1414,
40.1537)**

Conversions

Conversions Part 1

Format	Color
Hex	B19DA4
RGB	177, 157, 164
RGB Percent	69%, 62%, 64%
CMY	0.3059, 0.3843, 0.3569
CMYK	0.00, 0.11, 0.07, 0.31
HSL	339°, 11%, 65%
HSV	339°, 11%, 69%
XYZ	36.8893, 36.1414, 40.1537
YIQ	163.7780, 9.6730, 6.4170

Conversions

Conversions Part 2

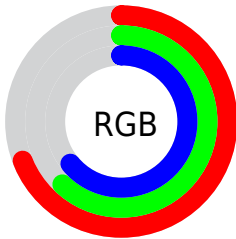
Format	Color
RYB	177, 157, 164
Decimal	11640228
CIELab	66.63, 8.56, -0.96
CIELCh	67, 8.617, 353.596
Yxy	36.1414, 0.3259, 0.3193
Android (android.graphics.Color)	4289830308 (0xFFB19DA4)
YUV	163.7780, 0.1094, 11.5957
Hunter-Lab	60.1177, 4.3248, 2.4816

Details

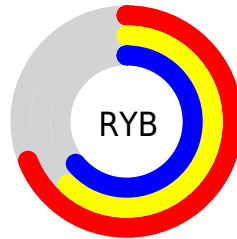
The XYZ color **36.8893, 36.1414, 40.1537** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.8839, 41.5156, 44.1016**, and the grayscale version is **35.1782, 37.0102, 40.3041**.

A 20% lighter version of the original color is **69.9339, 69.5251, 76.7516**, and **16.3908, 15.7630, 17.5079** is the 20% darker color. If you saturate the color by 10%, you get **33.1165, 30.1839, 33.9991**, and if you desaturate by 10%, it is **41.1920, 43.0074, 46.9497**.

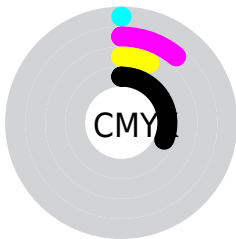
Distribution



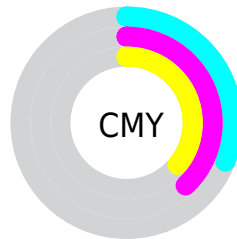
- Red (69%)
- Green (62%)
- Blue (64%)



- Red (69%)
- Yellow (62%)
- Blue (64%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (31%)





- Cyan (31%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.8893, 36.1414, 40.1537 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 36.8893, 36.1414, 40.1537 by changing the saturation by 10% instead.


 36.8893, 36.1414,
40.1537


 36.8893, 36.1414,
40.1537


324.1949,
329.5782, 362.3423

 25.2951, 24.5434,
27.3437

 69.7174, 69.2503,
76.6372

 16.4269, 15.7372,
17.5968

 91.6820, 91.5299,
101.1477

 9.9195, 9.3384,
10.4945


117.8342,
118.1389, 130.3955

 5.4075, 4.9626,
5.6182

148.5392,
149.4617, 164.7991

 2.5255, 2.2253,
2.5493

184.1624,
185.8826, 204.7770

 0.9081, 0.7337,
0.8661

225.0692,

 0.0000, 0.0000,

227.7861, 250.7479

0.0000

271.6249,
275.5565, 303.1301

■ 36.8893, 36.1414,
40.1537

■ 36.8893, 36.1414,
40.1537

■ 33.1165, 30.1839,
33.9991

■ 41.1920, 43.0074,
46.9497

■ 29.8495, 25.0920,
28.4644

■ 46.0415, 50.8129,
54.4032

■ 27.0668, 20.8263,
23.5301

■ 51.4574, 59.5934,
62.5326

■ 24.7442, 17.3428,
19.1748

■ 57.4578, 69.3812,
71.3548

■ 22.8553, 14.5930,
15.3755

■ 64.0596, 80.2069,
80.8862

■ 21.3707, 12.5233,
12.1079

■ 68.6057, 86.7528,
90.2513

■ 20.2573, 11.0723,
9.3452

■ 70.3043, 87.4323,
99.1961

■ 19.4762, 10.1676,
7.0578

■ 71.9417, 88.0872,
107.8185

■ 18.9994, 9.6943,
5.4176

Harmonies

Analogous

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



36.3975, 36.1414, 43.7439



36.8893, 36.1414, 40.1537



36.6874, 36.1414, 36.5620

Triad

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



36.8893, 36.1414, 40.1537



33.3628, 36.1414, 33.1638



32.8927, 36.1414, 45.3838

Complementary

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



36.8893, 36.1414, 40.1537



36.8839, 41.5156, 44.1016

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.



32.1166, 36.1414, 42.2801



36.8893, 36.1414, 40.1537



32.3833, 36.1414, 35.2641

Square

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



36.8893, 36.1414, 40.1537



34.6302, 36.1414, 32.6733



31.9325, 36.1414, 38.5607



34.0740, 36.1414, 46.8836

Rectangle

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



36.8893, 36.1414, 40.1537



36.1890, 36.1414, 34.6300



31.9325, 36.1414, 38.5607



32.5770, 36.1414, 44.4844

Sweetspot

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



36.8903, 36.1430, 40.1545



72.3517, 74.7478, 81.8658



36.5716, 35.8360, 46.5850



15.5422, 15.9790, 17.5261



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.



36.8903, 36.1430, 40.1545



63.9839, 61.4254, 68.5543



36.7893, 36.9246, 37.0883



8.6151, 8.5527, 9.4714



13.7919, 7.0343, 4.0639



0.4622, 0.2326, 0.2768

Inverse Universe

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



36.8903, 36.1430, 40.1545



63.9839, 61.4254, 68.5543



36.9777, 40.6156, 47.4862



8.6151, 8.5527, 9.4714



13.7919, 7.0343, 4.0639



0.4622, 0.2326, 0.2768

Previews

White Background



This preview shows how the XYZ color 36.8893, 36.1414, 40.1537 looks on a white background.

Color Contrast Check

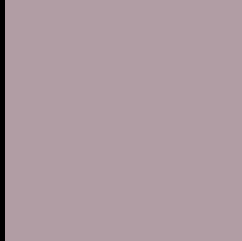
Large Text (above 18pt) WCAG AA × Fail

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 36.8893, 36.1414, 40.1537 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

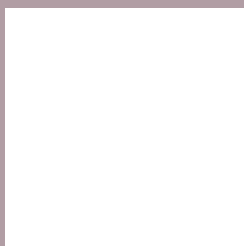
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.8893, 36.1414, 40.1537

Background



This preview shows how black text looks on a background with the XYZ color 36.8893, 36.1414, 40.1537.



This preview shows how white text looks on a background with the XYZ color 36.8893, 36.1414,

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

36.8893, 36.1414, 40.1537

Protanopia

34.9376, 36.1354, 41.2098

Deuteranopia

36.8893, 36.1414, 40.1537



Tritanopia

37.4100, 36.1065, 42.5336

Trichromacy



Original Color

36.8893, 36.1414, 40.1537

Protanomaly

35.7245, 36.2932, 40.7197

Deuteranomaly

36.8893, 36.1414, 40.1537

Tritanomaly

37.2236, 36.0319, 41.5522

Monochromacy



Original Color

36.8893, 36.1414, 40.1537

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.8079, 36.6051, 40.3002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8893, 36.1414, 40.1537 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, 157, 164)` looks like.

```
.text, #text, p{  
    color:rgb(177, 157, 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, 157, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 157, 164) }
```

Border

The CSS property to change the border of an element to XYZ 36.8893, 36.1414, 40.1537 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, 157, 164) }
```


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

```
.border{ border-color:rgb(177, 157, 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, 157, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 157, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 157, 164);  
box-shadow:4px 4px 4px 4px rgb(177, 157,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8893, 36.1414, 40.1537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 157, 164) }
```

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

```
.background{ background-color: rgb(177,  
157, 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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