

Converting Colors

XYZ(39.9394, 40.1301, 46.5874)

Have a look what the booklet for
XYZ(39.9394, 40.1301, 46.5874)
contains.

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Color

**XYZ(40.0153, 40.2370,
46.7318)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A7B0
RGB	178, 167, 176
RGB Percent	70%, 65%, 69%
CMY	0.3020, 0.3451, 0.3098
CMYK	0.00, 0.06, 0.01, 0.30
HSL	311°, 7%, 68%
HSV	311°, 6%, 70%
XYZ	40.0153, 40.2370, 46.7318
YIQ	171.3150, 3.6670, 5.1310

Conversions

Conversions Part 2

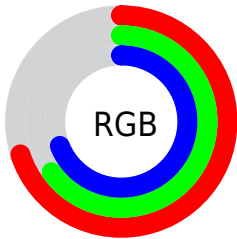
Format	Color
RYB	178, 167, 176
Decimal	11708336
CIELab	69.64, 5.61, -3.21
CIELCh	70, 6.466, 330.230
Yxy	40.2370, 0.3151, 0.3169
Android (android.graphics.Color)	4289898416 (0xFFB2A7B0)
YUV	171.3150, 2.3097, 5.8627
Hunter-Lab	63.4326, 1.5963, 0.7230

Details

The XYZ color **40.0153, 40.2370, 46.7318** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.0197, 42.9220, 43.7664**, and the grayscale version is **38.8555, 40.8790, 44.5172**.

A 20% lighter version of the original color is **74.6184, 75.5612, 86.9959**, and **18.2263, 18.0767, 21.5973** is the 20% darker color. If you saturate the color by 10%, you get **36.6601, 34.0327, 44.0522**, and if you desaturate by 10%, it is **43.8293, 47.3456, 49.6030**.

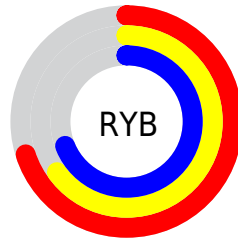
Distribution



Red (70%)

Green (65%)

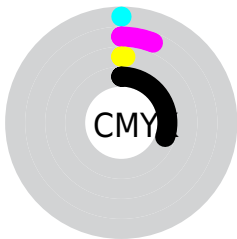
Blue (69%)



Red (70%)

Yellow (65%)

Blue (69%)

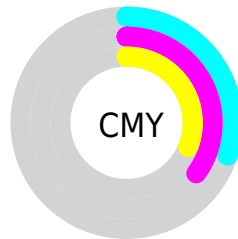


Cyan (0%)

Magenta (6%)

Yellow (1%)

Black (30%)



Cyan (30%)

Magenta (35%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.0153, 40.2370, 46.7318 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 40.0153, 40.2370, 46.7318 by changing the saturation by 10% instead.

■ 40.0153, 40.2370,
46.7318

■ 40.0153, 40.2370,
46.7318

337.3214,
347.1215, 390.1057

■ 27.7347, 27.7234,
32.4709

■ 74.4710, 75.5243,
86.6589

■ 18.2652, 18.1172,
21.4536

■ 97.3769, 99.0667,
113.1622

■ 11.2414, 11.0342,
13.2615

124.5552,
127.0542, 144.5833

■ 6.2979, 6.0898,
7.4760

156.3713,
159.8712, 181.3408

■ 3.0695, 2.8998,
3.6786

193.1907,
197.9020, 223.8533

■ 1.1906, 1.0796,
1.4507

235.3786,

■ 0.0989, 0.0000,

241.5310, 272.5392

0.1808

283.3003,
291.1427, 327.8172

■ 0.0000, 0.0000,
0.0000

■ 40.0153, 40.2370,
46.7318

■ 40.0153, 40.2370,
46.7318

■ 36.6601, 34.0327,
44.0522

■ 43.8293, 47.3456,
49.6030

■ 33.7420, 28.6908,
41.5553

■ 48.1158, 55.3875,
52.6691

■ 31.2426, 24.1744,
39.2351

■ 52.8923, 64.3971,
55.9368

■ 29.1409, 20.4413,
37.0844

■ 58.1745, 74.4054,
59.4114

■ 27.4140, 17.4460,
35.0953

■ 63.6556, 84.7992,
62.9911

■ 26.0367, 15.1381,
33.2591

■ 64.0188, 84.9445,
64.9038

■ 24.9806, 13.4610,
31.5661

■ 64.3900, 85.0930,
66.8583

■ 24.2129, 12.3489,
30.0050

■ 64.7692, 85.2446,
68.8550

■ 23.6901, 11.7152,
28.5611

■ 65.1564, 85.3995,
70.8939

Harmonies

Analogous

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



39.2649, 40.2370, 48.9750



40.0153, 40.2370, 46.7318



40.2893, 40.2370, 43.7881

Triad

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



40.0153, 40.2370, 46.7318



38.2360, 40.2370, 38.3037



36.5337, 40.2370, 46.7736

Complementary

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



40.0153, 40.2370, 46.7318



39.0197, 42.9220, 43.7664

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.



36.2693, 40.2370, 43.8344



40.0153, 40.2370, 46.7318



37.2411, 40.2370, 39.0238

Square

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



40.0153, 40.2370, 46.7318



39.2507, 40.2370, 39.0024



36.5259, 40.2370, 41.0150



37.2548, 40.2370, 48.9999

Rectangle

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



40.0153, 40.2370, 46.7318



40.1611, 40.2370, 41.8509



36.5259, 40.2370, 41.0150



36.3890, 40.2370, 45.8319

Sweetspot

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



40.0165, 40.2387, 46.7327



75.3290, 78.1075, 86.8599



38.1827, 39.2704, 47.6876



16.7054, 17.3351, 19.2561



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.0165, 40.2387, 46.7327



71.9575, 71.8393, 84.2727



39.4991, 40.0318, 44.0084



8.9289, 8.8912, 10.4675



16.8497, 8.2574, 20.1661



0.5474, 0.2667, 0.7254

Inverse Universe

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



40.0165, 40.2387, 46.7327



71.9575, 71.8393, 84.2727



39.5306, 43.1263, 46.4568



8.9289, 8.8912, 10.4675



16.8497, 8.2574, 20.1661



0.5474, 0.2667, 0.7254

Previews

White Background



This preview shows how the XYZ color 40.0153, 40.2370, 46.7318 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 40.0153, 40.2370, 46.7318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

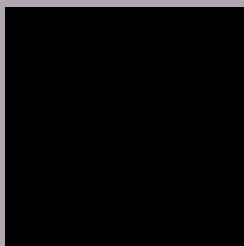
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.0153, 40.2370, 46.7318

Background



This preview shows how black text looks on a background with the XYZ color 40.0153, 40.2370, 46.7318.



This preview shows how white text looks on a background with the XYZ color 40.0153, 40.2370,

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

40.0153, 40.2370, 46.7318

Protanopia

38.9184, 40.2082, 47.3047

Deuteranopia

41.0588, 40.2352, 46.6764



Tritanopia

40.4648, 40.1514, 48.7973

Trichromacy



Original Color

40.0153, 40.2370, 46.7318

Protanomaly

39.3940, 40.1783, 47.2739

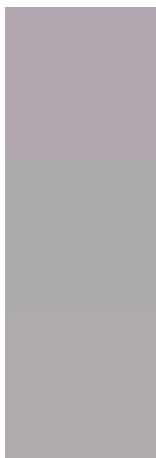
Deuteranomaly

40.7641, 40.3521, 46.7145

Tritanomaly

40.3633, 40.1108, 48.2626

Monochromacy



Original Color

40.0153, 40.2370, 46.7318

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.3731, 40.7653, 45.3285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0153, 40.2370, 46.7318 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(178, 167, 176)` looks like.

```
.text, #text, p{  
    color:rgb(178, 167, 176)  
}
```

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(178, 167, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 167, 176) }
```

Border

The CSS property to change the border of an element to XYZ 40.0153, 40.2370, 46.7318 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(178, 167, 176) }
```


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

```
.border{ border-color:rgb(178, 167, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 167, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 167, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 167, 176);  
box-shadow:4px 4px 4px 4px rgb(178, 167,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0153, 40.2370, 46.7318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 167, 176) }
```

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

```
.background{ background-color: rgb(178,  
167, 176) }
```

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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