

Converting Colors

XYZ(40.4359, 40.8736, 44.5813)

Have a look what the booklet for
XYZ(40.4359, 40.8736, 44.5813)
contains.

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Color

**XYZ(40.5051, 40.8076,
44.7715)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A8AC
RGB	181, 168, 172
RGB Percent	71%, 66%, 67%
CMY	0.2902, 0.3412, 0.3255
CMYK	0.00, 0.07, 0.05, 0.29
HSL	342°, 8%, 68%
HSV	342°, 7%, 71%
XYZ	40.5051, 40.8076, 44.7715
YIQ	172.3430, 6.4640, 4.0000

Conversions

Conversions Part 2

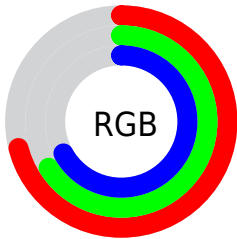
Format	Color
RYB	181, 168, 172
Decimal	11905196
CIELab	70.04, 5.40, -0.38
CIElCh	70, 5.412, 356.013
Yxy	40.8076, 0.3213, 0.3237
Android (android.graphics.Color)	4290095276 (0xFFB5A8AC)
YUV	172.3430, -0.1691, 7.5922
Hunter-Lab	63.8808, 1.3906, 3.1626

Details

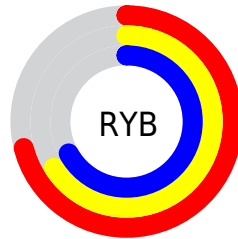
The XYZ color **40.5051, 40.8076, 44.7715** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.6097, 44.5480, 48.0555**, and the grayscale version is **39.3859, 41.4371, 45.1250**.

A 20% lighter version of the original color is **75.1779, 76.3259, 83.4431**, and **18.5376, 18.4360, 20.3508** is the 20% darker color. If you saturate the color by 10%, you get **36.2460, 34.1255, 37.6903**, and if you desaturate by 10%, it is **45.3452, 48.4689, 52.6075**.

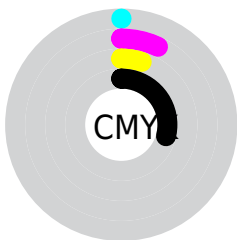
Distribution



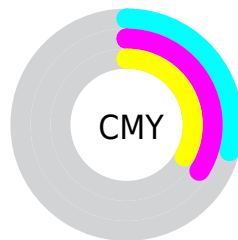
- Red (71%)
- Green (66%)
- Blue (67%)



- Red (71%)
- Yellow (66%)
- Blue (67%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (29%)



- Cyan (29%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5051, 40.8076, 44.7715 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 40.5051, 40.8076, 44.7715 by changing the saturation by 10% instead.

■ 40.5051, 40.8076,
44.7715

■ 40.5051, 40.8076,
44.7715

339.3459,
349.5158, 381.9804

■ 28.1185, 28.1688,
30.9358

■ 75.2115, 76.3917,
83.6922

■ 18.5560, 18.4529,
20.2919

■ 98.2621, 100.1058,
109.6144

■ 11.4520, 11.2757,
12.4213

125.5980,
128.2805, 140.4025

■ 6.4412, 6.2526,
6.9052

157.5847,
161.3001, 176.4750

■ 3.1584, 2.9993,
3.3254

194.5875,
199.5490, 218.2505

■ 1.2381, 1.1313,
1.2631

236.9717,

■ 0.1361, 0.0045,

243.4117, 266.1476

0.0312

285.1028,
293.2725, 320.5847

■ 0.0000, 0.0000,
0.0000

■ 40.5051, 40.8076,
44.7715

■ 40.5051, 40.8076,
44.7715

■ 36.2460, 34.1255,
37.6903

■ 45.3452, 48.4689,
52.6075

■ 32.5423, 28.3778,
31.3386

■ 50.7838, 57.1413,
61.2176

■ 29.3713, 23.5243,
25.6931

■ 56.8421, 66.8618,
70.6236

■ 26.7076, 19.5193,
20.7285

■ 63.5389, 77.6640,
80.8454

■ 24.5238, 16.3137,
16.4180

■ 69.7642, 87.3230,
91.5264

■ 22.7893, 13.8528,
12.7325

■ 71.6365, 88.0720,
101.3856

■ 21.4704, 12.0751,
9.6408

■ 72.8663, 88.5639,
107.8618

■ 20.5276, 10.9091,
7.1084

■ 19.9062, 10.2525,
5.0940

Harmonies

Analogous

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



40.2115, 40.8076, 47.2068



40.5051, 40.8076, 44.7715



40.3325, 40.8076, 42.3337

Triad

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



40.5051, 40.8076, 44.7715



38.0464, 40.8076, 40.2039



37.8449, 40.8076, 48.5880

Complementary

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



40.5051, 40.8076, 44.7715



40.6097, 44.5480, 48.0555

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.



37.2803, 40.8076, 46.5997



40.5051, 40.8076, 44.7715



37.3954, 40.8076, 41.7692

Square

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



40.5051, 40.8076, 44.7715



38.9046, 40.8076, 39.7557



37.1170, 40.8076, 44.0953



38.6685, 40.8076, 49.4625

Rectangle

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



40.5051, 40.8076, 44.7715



39.9777, 40.8076, 41.0246



37.1170, 40.8076, 44.0953



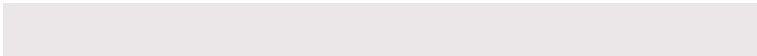
37.6190, 40.8076, 48.0241

Sweetspot

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



40.5063, 40.8094, 44.7724



76.8737, 79.9260, 87.2370



40.4494, 40.6768, 49.4361



16.6355, 17.3071, 18.8880



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.



40.5063, 40.8094, 44.7724



70.9612, 70.5937, 77.5814



40.5720, 41.5460, 42.9287



8.6004, 8.5469, 9.3941



13.6510, 6.9779, 3.3220



0.4563, 0.2303, 0.2456

Inverse Universe

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



40.5063, 40.8094, 44.7724



70.9612, 70.5937, 77.5814



40.5337, 43.7490, 50.0247



8.6004, 8.5469, 9.3941



13.6510, 6.9779, 3.3220



0.4563, 0.2303, 0.2456

Previews

White Background



This preview shows how the XYZ color 40.5051, 40.8076, 44.7715 looks on a white background.

Color Contrast Check

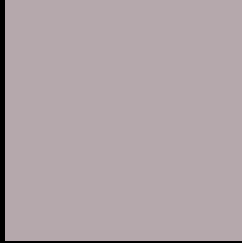
Large Text (above 18pt) WCAG AA × Fail

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 40.5051, 40.8076, 44.7715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

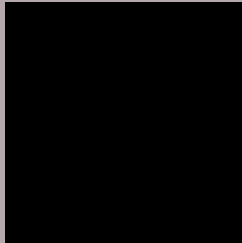
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5051, 40.8076, 44.7715

Background



This preview shows how black text looks on a background with the XYZ color 40.5051, 40.8076, 44.7715.



This preview shows how white text looks on a background with the XYZ color 40.5051, 40.8076,

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

40.5051, 40.8076, 44.7715

Protanopia

39.3731, 40.7653, 45.3285

Deuteranopia

41.5761, 40.8158, 44.7167



Tritanopia

41.3483, 40.8778, 48.8909

Trichromacy



Original Color

40.5051, 40.8076, 44.7715

Protanomaly

39.8623, 40.7402, 45.2978

Deuteranomaly

41.2727, 40.9303, 44.7548

Tritanomaly

41.0459, 40.7568, 47.2985

Monochromacy



Original Color

40.5051, 40.8076, 44.7715

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.6885, 41.2183, 44.8939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5051, 40.8076, 44.7715 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(181, 168, 172)` looks like.

```
.text, #text, p{  
    color:rgb(181, 168, 172)  
}
```

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(181, 168, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 168, 172) }
```

Border

The CSS property to change the border of an element to XYZ 40.5051, 40.8076, 44.7715 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(181, 168, 172) }
```


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

```
.border{ border-color:rgb(181, 168, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 168, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 168, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 168, 172); box-shadow:4px 4px 4px 4px rgb(181, 168, 172) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5051, 40.8076, 44.7715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 168, 172) }
```

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

```
.background{ background-color: rgb(181,  
168, 172) }
```

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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