

Converting Colors

XYZ(40.8134, 40.1648, 44.1296)

Have a look what the booklet for
XYZ(40.8134, 40.1648, 44.1296)
contains.

XYZ(40.8134, 40.1648, 44.1296)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.8134, 40.1648,
44.1296)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A5AB
RGB	185, 165, 171
RGB Percent	73%, 65%, 67%
CMY	0.2745, 0.3529, 0.3294
CMYK	0.00, 0.11, 0.08, 0.27
HSL	342°, 12%, 69%
HSV	342°, 11%, 73%
XYZ	40.8134, 40.1648, 44.1296
YIQ	171.6640, 9.9940, 6.1060

Conversions

Conversions Part 2

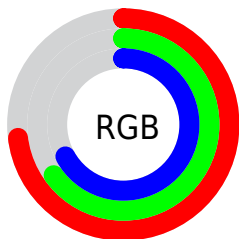
Format	Color
RYB	185, 165, 171
Decimal	12166571
CIELab	69.59, 8.31, -0.45
CIElCh	70, 8.321, 356.933
Yxy	40.1648, 0.3262, 0.3210
Android (android.graphics.Color)	4290356651 (0xFFB9A5AB)
YUV	171.6640, -0.3274, 11.6957
Hunter-Lab	63.3757, 4.0450, 3.0783

Details

The XYZ color **40.8134, 40.1648, 44.1296** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.0042, 45.9530, 49.3586**, and the grayscale version is **39.0419, 41.0751, 44.7308**.

A 20% lighter version of the original color is **75.5963, 75.3782, 82.5166**, and **18.7506, 18.0477, 19.9481** is the 20% darker color. If you saturate the color by 10%, you get **36.5404, 33.4983, 36.9099**, and if you desaturate by 10%, it is **45.6924, 47.8486, 52.1492**.

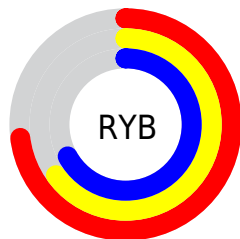
Distribution



Red (73%)

Green (65%)

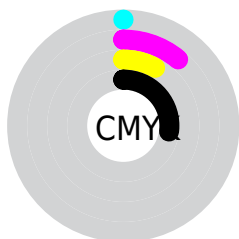
Blue (67%)



Red (73%)

Yellow (65%)

Blue (67%)

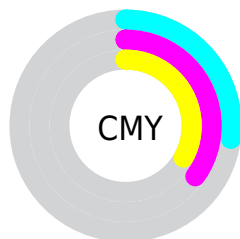


Cyan (0%)

Magenta (11%)

Yellow (8%)

Black (27%)



Cyan (27%)


Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.8134, 40.1648, 44.1296 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 40.8134, 40.1648, 44.1296 by changing the saturation by 10% instead.


 40.8134, 40.1648,
44.1296


 40.8134, 40.1648,
44.1296


340.6160,
346.8177, 379.2937

 28.3603, 27.6671,
30.4345


 75.6770, 75.4144,
82.7173

 18.7393, 18.0748,
19.9137


 98.8183, 98.9350,
108.4469

 11.5849, 11.0037,
12.1489


126.2531,
126.8988, 139.0251

 6.5319, 6.0693,
6.7214

158.3466,
159.6900, 174.8704

 3.2148, 2.8873,
3.2127

195.4644,
197.6931, 216.4014

 1.2684, 1.0732,
1.2042

237.9716,

 0.1593, 0.0000,

241.2925, 264.0366

0.0000

286.2337,
290.8726, 318.1945

0.0000, 0.0000,
0.0000

40.8134, 40.1648,
44.1296

40.8134, 40.1648,
44.1296

36.5404, 33.4983,
36.9099

45.6924, 47.8486,
52.1492

32.8459, 27.8012,
30.4624

51.1966, 56.5845,
60.9900

29.7052, 23.0295,
24.7614

57.3487, 66.4121,
70.6758

27.0906, 19.1338,
19.7790

64.1693, 77.3676,
81.2286

24.9720, 16.0602,
15.4853

70.8735, 87.8767,
92.4016

■ 23.3158, 13.7485,
11.8481

■ 72.8220, 88.6561,
102.6624

■ 22.0842, 12.1305,
8.8324

■ 73.8178, 89.0544,
107.9064

■ 21.2330, 11.1253,
6.3993

■ 20.7090, 10.5949,
4.6287

Harmonies

Analogous

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



40.3814, 40.1648, 47.8945



40.8134, 40.1648, 44.1296



40.5250, 40.1648, 40.4666

Triad

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



40.8134, 40.1648, 44.1296



37.0173, 40.1648, 37.4632



36.7833, 40.1648, 50.2299

Complementary

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



40.8134, 40.1648, 44.1296



41.0042, 45.9530, 49.3586

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.



35.9185, 40.1648, 47.1699



40.8134, 40.1648, 44.1296



36.0513, 40.1648, 39.8192

Square

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



40.8134, 40.1648, 44.1296



38.3138, 40.1648, 36.7535



35.6537, 40.1648, 43.3381



38.0374, 40.1648, 51.5437

Rectangle

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



40.8134, 40.1648, 44.1296



39.9666, 40.1648, 38.5476



35.6537, 40.1648, 43.3381



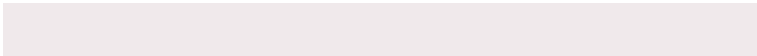
36.4386, 40.1648, 49.3629

Sweetspot

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



40.8145, 40.1666, 44.1305



79.7806, 82.4519, 90.0541



40.8038, 39.9986, 51.4694



17.0432, 17.5291, 19.1591



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



40.8145, 40.1666, 44.1305



71.1606, 68.9037, 75.7993



40.9884, 41.4085, 41.4317



9.1125, 9.0554, 9.9398



14.1294, 7.2255, 3.3023



0.5263, 0.2660, 0.2652

Inverse Universe

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



40.8145, 40.1666, 44.1305



71.1606, 68.9037, 75.7993



40.7992, 44.5510, 52.3483



9.1125, 9.0554, 9.9398



14.1294, 7.2255, 3.3023



0.5263, 0.2660, 0.2652

Previews

White Background



This preview shows how the XYZ color 40.8134, 40.1648, 44.1296 looks on a white background.

Color Contrast Check

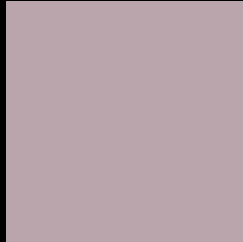
Large Text (above 18pt) WCAG AA × Fail

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 40.8134, 40.1648, 44.1296 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 40.8134, 40.1648, 44.1296

Background



This preview shows how black text looks on a background with the XYZ color 40.8134, 40.1648, 44.1296.



This preview shows how white text looks on a background with the XYZ color 40.8134, 40.1648,

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

40.8134, 40.1648, 44.1296

Protanopia

38.7440, 40.1637, 45.2455

Deuteranopia

41.0555, 40.2896, 44.1409



Tritanopia

41.4610, 40.1643, 47.1622

Trichromacy



Original Color

40.8134, 40.1648, 44.1296

Protanomaly

39.5805, 40.3309, 44.7283

Deuteranomaly

41.0555, 40.2896, 44.1409

Tritanomaly

41.2630, 40.0852, 46.1199

Monochromacy



Original Color

40.8134, 40.1648, 44.1296

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.7658, 40.7016, 44.7900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8134, 40.1648, 44.1296 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(185, 165, 171)` looks like.

```
.text, #text, p{  
    color:rgb(185, 165, 171)  
}
```

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(185, 165, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 165, 171) }
```

Border

The CSS property to change the border of an element to XYZ 40.8134, 40.1648, 44.1296 is called "border". The border property can be set on classes, ids or directly on the HTML element.

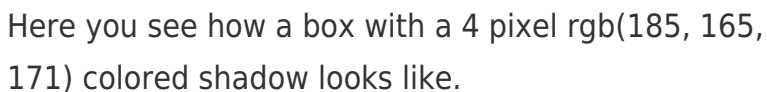
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 165, 171) }
```


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

```
.border{ border-color:rgb(185, 165, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 165, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 165, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 165, 171); box-shadow:4px 4px 4px 4px rgb(185, 165, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8134, 40.1648, 44.1296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 165, 171) }
```

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

```
.background{ background-color: rgb(185,  
165, 171) }
```

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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