

Converting Colors

XYZ(40.6015, 40.8462, 45.2793)

Have a look what the booklet for
XYZ(40.6015, 40.8462, 45.2793)
contains.

XYZ(40.6015, 40.8462, 45.2793)	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(40.6015, 40.8462,
45.2793)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A8AD
RGB	181, 168, 173
RGB Percent	71%, 66%, 68%
CMY	0.2902, 0.3412, 0.3216
CMYK	0.00, 0.07, 0.04, 0.29
HSL	337°, 8%, 68%
HSV	337°, 7%, 71%
XYZ	40.6015, 40.8462, 45.2793
YIQ	172.4570, 6.1430, 4.3110

Conversions

Conversions Part 2

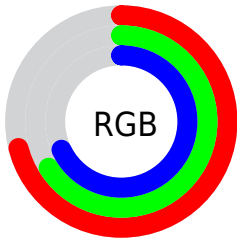
Format	Color
RYB	181, 168, 173
Decimal	11905197
CIELab	70.07, 5.58, -0.89
CIElCh	70, 5.651, 350.942
Yxy	40.8462, 0.3204, 0.3223
Android (android.graphics.Color)	4290095277 (0xFFB5A8AD)
YUV	172.4570, 0.2677, 7.4922
Hunter-Lab	63.9110, 1.5535, 2.7323

Details

The XYZ color **40.6015, 40.8462, 45.2793** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.5104, 44.5082, 47.5323**, and the grayscale version is **39.4418, 41.4958, 45.1889**.

A 20% lighter version of the original color is **75.3163, 76.3813, 84.1723**, and **18.5987, 18.4605, 20.6721** is the 20% darker color. If you saturate the color by 10%, you get **36.4565, 34.2097, 38.7988**, and if you desaturate by 10%, it is **45.3039, 48.4524, 52.3902**.

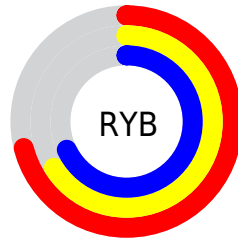
Distribution



Red (71%)

Green (66%)

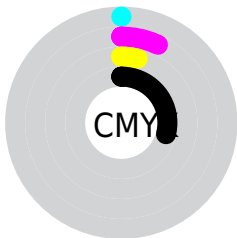
Blue (68%)



Red (71%)

Yellow (66%)

Blue (68%)

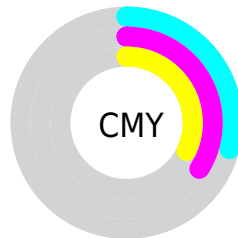


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (29%)



Cyan (29%)


Magenta (34%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6015, 40.8462, 45.2793 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 40.6015, 40.8462, 45.2793 by changing the saturation by 10% instead.


 40.6015, 40.8462,
45.2793


 40.6015, 40.8462,
45.2793


339.7434,
349.6774, 384.0966

 28.1941, 28.1989,
31.3329


 75.3571, 76.4504,
84.4623

 18.6133, 18.4757,
20.5919


 98.4361, 100.1760,
110.5359

 11.4935, 11.2920,
12.6377

125.8030,
128.3633, 141.4891

 6.4695, 6.2636,
7.0518

157.8231,
161.3966, 177.7403

 3.1760, 3.0060,
3.4156

194.8619,
199.6602, 219.7082

 1.2475, 1.1349,
1.3105

237.2846,

 0.1434, 0.0075,

243.5387, 267.8111

0.0704

285.4567,
293.4162, 322.4678

■ 0.0000, 0.0000,
0.0000

■ 40.6015, 40.8462,
45.2793

■ 40.6015, 40.8462,
45.2793

■ 36.4565, 34.2097,
38.7988

■ 45.3039, 48.4524,
52.3902

■ 32.8441, 28.4986,
32.9281

■ 50.5803, 57.0600,
60.1460

■ 29.7428, 23.6729,
27.6495

■ 56.4509, 66.7054,
68.5638

■ 27.1281, 19.6876,
22.9431

■ 62.9339, 77.4220,
77.6596

■ 24.9738, 16.4937,
18.7879

■ 68.9183, 86.9847,
87.0723

■ 23.2506, 14.0373,
15.1615

■ 70.5220, 87.6262,
95.5172

■ 21.9258, 12.2573,
12.0395

■ 72.2273, 88.3083,
104.4973

■ 20.9619, 11.0828,
9.3953

■ 72.8663, 88.5639,
107.8618

■ 20.3053, 10.4121,
7.1959

Harmonies

Analogous

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



40.2170, 40.8462, 47.7535



40.6015, 40.8462, 45.2793



40.5036, 40.8462, 42.6832

Triad

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



40.6015, 40.8462, 45.2793



38.1925, 40.8462, 39.8962



37.7159, 40.8462, 48.5376

Complementary

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



40.6015, 40.8462, 45.2793



40.5104, 44.5082, 47.5323

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.



37.1897, 40.8462, 46.3153



40.6015, 40.8462, 45.2793



37.4618, 40.8462, 41.3493

Square

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



40.6015, 40.8462, 45.2793



39.1031, 40.8462, 39.6435



37.0974, 40.8462, 43.6794



38.5444, 40.8462, 49.6830

Rectangle

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



40.6015, 40.8462, 45.2793



40.1786, 40.8462, 41.2276



37.0974, 40.8462, 43.6794



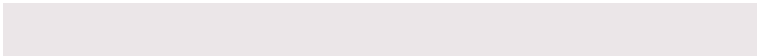
37.4984, 40.8462, 47.8877

Sweetspot

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



40.6027, 40.8480, 45.2802



76.9248, 79.9464, 87.5064



40.2039, 40.5503, 49.4245



16.6460, 17.3113, 18.9432



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.



40.6027, 40.8480, 45.2802



71.1774, 70.6802, 78.7201



40.3692, 41.1404, 42.8612



8.6271, 8.5575, 9.5346



13.9217, 7.0862, 4.7476



0.4671, 0.2346, 0.3022

Inverse Universe

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



40.6027, 40.8480, 45.2802



71.1774, 70.6802, 78.7201



40.7510, 44.1836, 50.0970



8.6271, 8.5575, 9.5346



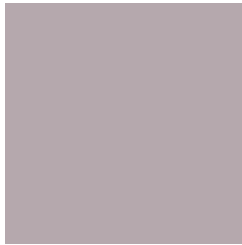
13.9217, 7.0862, 4.7476



0.4671, 0.2346, 0.3022

Previews

White Background



This preview shows how the XYZ color 40.6015, 40.8462, 45.2793 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 40.6015, 40.8462, 45.2793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

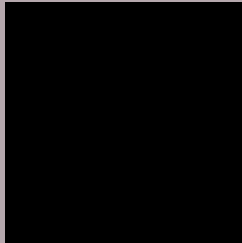
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.6015, 40.8462, 45.2793

Background



This preview shows how black text looks on a background with the XYZ color 40.6015, 40.8462, 45.2793.



This preview shows how white text looks on a background with the XYZ color 40.6015, 40.8462,

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

40.6015, 40.8462, 45.2793

Protanopia

39.2483, 40.6897, 45.8297

Deuteranopia

41.6726, 40.8544, 45.2245



Tritanopia

41.3483, 40.8778, 48.8909

Trichromacy



Original Color

40.6015, 40.8462, 45.2793

Protanomaly

39.7324, 40.6620, 45.7988

Deuteranomaly

41.3691, 40.9689, 45.2626

Tritanomaly

41.0459, 40.7568, 47.2985

Monochromacy



Original Color

40.6015, 40.8462, 45.2793

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 40.6015, 40.8462, 45.2793 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(181, 168, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 168, 173) }
```

Border

The CSS property to change the border of an element to XYZ 40.6015, 40.8462, 45.2793 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, 173) }
```


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

```
.border{ border-color:rgb(181, 168, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 168, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 168, 173);  
box-shadow:4px 4px 4px 4px rgb(181, 168,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6015, 40.8462, 45.2793 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, 173) }
```

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

```
.background{ background-color: rgb(181,  
168, 173) }
```

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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