

Converting Colors

XYZ(40.8791, 45.0677, 44.9913)

Have a look what the booklet for
XYZ(40.8791, 45.0677, 44.9913)
contains.

XYZ(40.8732, 45.0541, 45.0701)	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(40.8732, 45.0541,
45.0701)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB6AB
RGB	171, 182, 171
RGB Percent	67%, 71%, 67%
CMY	0.3294, 0.2863, 0.3294
CMYK	0.06, 0.00, 0.06, 0.29
HSL	120°, 7%, 69%
HSV	120°, 6%, 71%
XYZ	40.8732, 45.0541, 45.0701
YIQ	177.4570, -3.0250, -5.7530

Conversions

Conversions Part 2

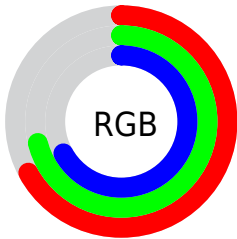
Format	Color
RYB	171, 182, 182
Decimal	11253419
CIELab	72.93, -5.91, 4.27
CIELCh	73, 7.289, 144.133
Yxy	45.0541, 0.3120, 0.3439
Android (android.graphics.Color)	4289443499 (0xFFABB6AB)
YUV	177.4570, -3.1833, -5.6628
Hunter-Lab	67.1224, -8.7691, 7.1747

Details

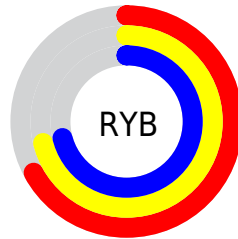
The XYZ color **40.8732, 45.0541, 45.0701** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.2994, 42.4494, 50.2223**, and the grayscale version is **42.0487, 44.2385, 48.1758**.

A 20% lighter version of the original color is **75.6660, 82.8088, 83.9472**, and **18.7878, 20.9544, 20.5071** is the 20% darker color. If you saturate the color by 10%, you get **35.5615, 42.5039, 36.3808**, and if you desaturate by 10%, it is **46.9723, 47.9851, 55.0451**.

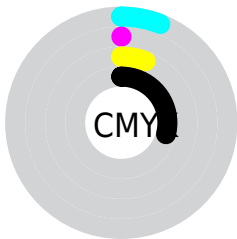
Distribution



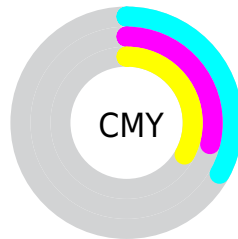
- Red (67%)
- Green (71%)
- Blue (67%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8732, 45.0541, 45.0701 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 40.8732, 45.0541, 45.0701 by changing the saturation by 10% instead.

■ 40.8732, 45.0541,
45.0701

■ 40.8732, 45.0541,
45.0701

340.8620,
366.9926, 383.2258

■ 28.4073, 31.5000,
31.1693

■ 75.7673, 82.8016,
84.1452

■ 18.7749, 20.9799,
20.4683

98.9261, 107.7638,
110.1565

■ 11.6108, 13.1093,
12.5484

126.3800,
137.2975, 141.0417

■ 6.5495, 7.5039,
6.9913

158.4943,
171.7872, 177.2195

■ 3.2258, 3.7792,
3.3783

195.6342,
211.6171, 219.1082

■ 1.2743, 1.5508,
1.2909

238.1653,

■ 0.1638, 0.3241,

257.1717, 267.1265

0.0543

286.4528,
308.8354, 321.6928

■ 0.0000, 0.0000,
0.0000

■ 40.8732, 45.0541,
45.0701

■ 40.8732, 45.0541,
45.0701

■ 35.5615, 42.5039,
36.3808

■ 46.9723, 47.9851,
55.0451

■ 31.0014, 40.3135,
28.9221

■ 53.8850, 51.3057,
66.3520

■ 27.1603, 38.4684,
22.6392

■ 61.6411, 55.0313,
79.0384

■ 24.0015, 36.9511,
17.4724

■ 70.2677, 59.1751,
93.1484

■ 21.4850, 35.7423,
13.3562

■ 76.0188, 61.9377,
102.5563

■ 19.5669, 34.8209,
10.2187

■ 18.1975, 34.1631,
7.9788

■ 17.3194, 33.7414,
6.5424

■ 16.8584, 33.5199,
5.7882

Harmonies

Analogous

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



41.8315, 45.0541, 42.9443



40.8732, 45.0541, 45.0701



40.4381, 45.0541, 48.3445

Triad

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



40.8732, 45.0541, 45.0701



42.5733, 45.0541, 56.3504



45.0909, 45.0541, 46.2510

Complementary

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



40.8732, 45.0541, 45.0701



42.2994, 42.4494, 50.2223

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.



45.2990, 45.0541, 49.7749



40.8732, 45.0541, 45.0701



43.8292, 45.0541, 55.7222

Square

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



40.8732, 45.0541, 45.0701



41.4071, 45.0541, 54.9473



44.8330, 45.0541, 53.2708



44.2699, 45.0541, 43.6021

Rectangle

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



40.8732, 45.0541, 45.0701



40.4970, 45.0541, 50.7845



44.8330, 45.0541, 53.2708



45.2355, 45.0541, 47.3677

Sweetspot

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



40.8745, 45.0560, 45.0711



78.3620, 83.7286, 88.6786



43.3720, 46.3436, 45.1879



17.3332, 18.5053, 19.6279



88.6918, 93.3107, 101.6153



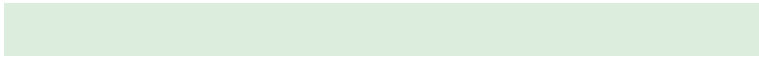
17.8044, 18.7317, 20.3988

Same Dimension

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



40.8745, 45.0560, 45.0711



73.0007, 81.1533, 79.9092



41.4100, 45.2702, 47.8910



9.1251, 10.1729, 9.9641



11.8131, 23.6262, 3.9378



0.4164, 0.8329, 0.1388

Inverse Universe

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



42.2994, 42.4494, 50.2223



76.0208, 75.6289, 90.8266



41.7418, 42.2264, 47.2860



9.5225, 9.4459, 11.4008



19.5858, 9.4081, 32.0353



0.6905, 0.3317, 1.1293

Previews

White Background



This preview shows how the XYZ color 40.8732, 45.0541, 45.0701 looks on a white background.

Color Contrast Check

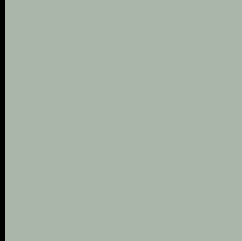
Large Text (above 18pt) WCAG AA × Fail

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 40.8732, 45.0541, 45.0701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

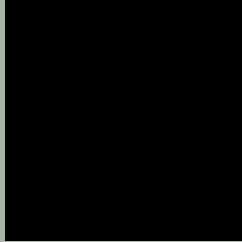
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.8732, 45.0541, 45.0701

Background



This preview shows how black text looks on a background with the XYZ color 40.8732, 45.0541, 45.0701.



This preview shows how white text looks on a background with the XYZ color 40.8732, 45.0541,

45.0701.

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

40.8732, 45.0541, 45.0701

Protanopia

42.8490, 44.8957, 43.9435

Deuteranopia

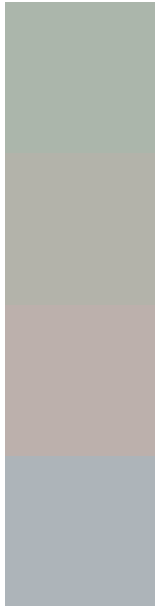
45.7751, 44.9100, 45.7911



Tritanopia

43.2013, 45.0891, 56.8782

Trichromacy



Original Color

40.8732, 45.0541, 45.0701

Protanomaly

41.9662, 44.7262, 44.4514

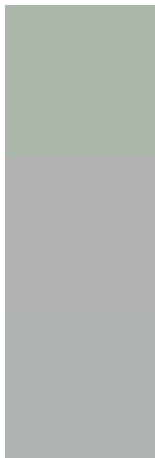
Deuteranomaly

43.7108, 44.7206, 45.3579

Tritanomaly

42.3118, 45.0295, 52.3604

Monochromacy



Original Color

40.8732, 45.0541, 45.0701

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.5372, 44.4493, 46.9478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8732, 45.0541, 45.0701 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(171, 182, 171)` looks like.

```
.text, #text, p{  
    color:rgb(171, 182, 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(171, 182, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 182, 171) }
```

Border

The CSS property to change the border of an element to XYZ 40.8732, 45.0541, 45.0701 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(171, 182, 171) }
```


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

```
.border{ border-color:rgb(171, 182, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 182, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 182, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 182, 171);  
box-shadow:4px 4px 4px 4px rgb(171, 182,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8732, 45.0541, 45.0701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 182, 171) }
```

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

```
.background{ background-color: rgb(171,  
182, 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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