

Converting Colors

XYZ(42.4529, 45.1643, 52.2808)

Have a look what the booklet for
XYZ(42.4529, 45.1643, 52.2808)
contains.

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Color

**XYZ(42.5338, 45.1440,
52.3708)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB4B9
RGB	174, 180, 185
RGB Percent	68%, 71%, 73%
CMY	0.3176, 0.2941, 0.2745
CMYK	0.06, 0.03, 0.00, 0.27
HSL	207°, 7%, 70%
HSV	207°, 6%, 73%
XYZ	42.5338, 45.1440, 52.3708
YIQ	178.7760, -5.1810, 0.2830

Conversions

Conversions Part 2

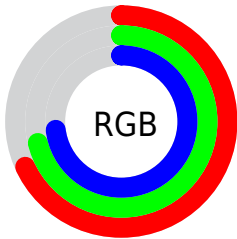
Format	Color
RYB	174, 178, 185
Decimal	11449529
CIELab	72.99, -1.12, -3.28
CIElCh	73, 3.462, 251.153
Yxy	45.1440, 0.3037, 0.3223
Android (android.graphics.Color)	4289639609 (0xFFFAEB4B9)
YUV	178.7760, 3.0684, -4.1886
Hunter-Lab	67.1893, -4.5828, 0.8188

Details

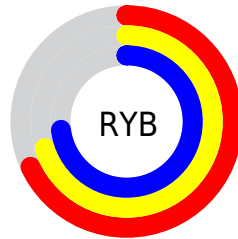
The XYZ color **42.5338, 45.1440, 52.3708** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.7678, 45.6101, 46.5420**, and the grayscale version is **42.7158, 44.9403, 48.9400**.

A 20% lighter version of the original color is **78.1857, 82.9998, 95.1188**, and **19.7803, 20.9823, 24.8372** is the 20% darker color. If you saturate the color by 10%, you get **37.0476, 39.8741, 51.6435**, and if you desaturate by 10%, it is **48.6932, 50.9161, 53.1610**.

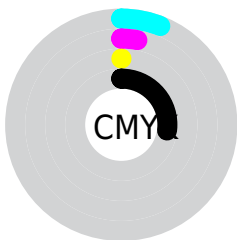
Distribution



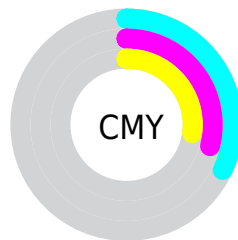
- Red (68%)
- Green (71%)
- Blue (73%)



- Red (68%)
- Yellow (70%)
- Blue (73%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)



- Cyan (32%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5338, 45.1440, 52.3708 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 42.5338, 45.1440, 52.3708 by changing the saturation by 10% instead.

■ 42.5338, 45.1440,
52.3708

■ 42.5338, 45.1440,
52.3708

347.6451,
367.3564, 412.8641

■ 29.7124, 31.5709,
36.9164

■ 78.2670, 82.9365,
95.1100

■ 19.7674, 21.0339,
24.8475

101.9095,
107.9246, 123.2319

■ 12.3334, 13.1488,
15.7455

129.8898,
137.4865, 156.4135

■ 7.0449, 7.5311,
9.1918

162.5732,
172.0065, 195.0731

■ 3.5368, 3.7964,
4.7680

200.3251,
211.8692, 239.6295

■ 1.4436, 1.5603,
2.0554

243.5108,

■ 0.2870, 0.3306,

257.4588, 290.5011

0.5891

292.4957,
309.1597, 348.1064

■ 0.0000, 0.0000,
0.0000

■ 42.5338, 45.1440,
52.3708

■ 42.5338, 45.1440,
52.3708

■ 37.0476, 39.8741,
51.6435

■ 48.6932, 50.9161,
53.1610

■ 32.2058, 35.0853,
50.9743

■ 55.5453, 57.1995,
54.0127

■ 27.9832, 30.7629,
50.3626

■ 63.1138, 64.0101,
54.9283

■ 24.3514, 26.8896,
49.8064

■ 71.4200, 71.3613,
55.9095

■ 21.2795, 23.4465,
49.3037

■ 76.1251, 77.0189,
56.7535

■ 18.7337, 20.4130,
48.8523

■ 78.4137, 81.5960,
57.5164

■ 16.6760, 17.7667,
48.4500

■ 80.8150, 86.3987,
58.3168

■ 15.0626, 15.4815,
48.0939

■ 83.3308, 91.4302,
59.1554

■ 13.8382, 13.5257,
47.7810

■ 85.7571, 96.2828,
59.9642

Harmonies

Analogous

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



42.0392, 45.1440, 51.3764



42.5338, 45.1440, 52.3708



43.1331, 45.1440, 52.4914

Triad

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



42.5338, 45.1440, 52.3708



44.0580, 45.1440, 48.5133



42.1480, 45.1440, 46.6911

Complementary

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



42.5338, 45.1440, 52.3708



43.7678, 45.6101, 46.5420

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.



42.6837, 45.1440, 45.9614



42.5338, 45.1440, 52.3708



43.7888, 45.1440, 46.9969

Square

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



42.5338, 45.1440, 52.3708



44.0170, 45.1440, 50.2369



43.2844, 45.1440, 46.0720



41.8179, 45.1440, 48.0871

Rectangle

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



42.5338, 45.1440, 52.3708



43.5119, 45.1440, 52.0570



43.2844, 45.1440, 46.0720



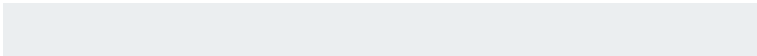
42.3098, 45.1440, 46.3613

Sweetspot

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



42.5351, 45.1459, 52.3718



80.3492, 84.7908, 94.3360



42.9369, 46.9500, 49.4213



17.3466, 18.3026, 20.3401



88.6918, 93.3107, 101.6153



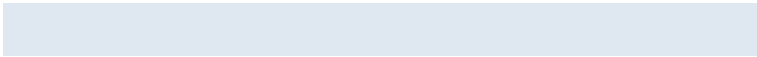
17.8044, 18.7317, 20.3988

Same Dimension

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



42.5351, 45.1459, 52.3718



74.9692, 79.7058, 93.6381



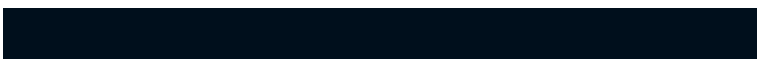
41.4558, 42.9873, 52.0120



9.1481, 9.7310, 11.4755



9.2023, 8.8642, 32.4790



0.3854, 0.4345, 1.1653

Inverse Universe

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



43.3829, 43.8826, 49.3660



76.7765, 77.0366, 87.2247



44.8824, 47.8392, 46.9135



9.3802, 9.3890, 10.6514



15.2586, 7.6772, 9.2484



0.5687, 0.2830, 0.4882

Previews

White Background



This preview shows how the XYZ color 42.5338, 45.1440, 52.3708 looks on a white background.

Color Contrast Check

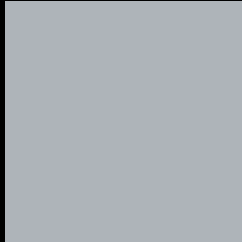
Large Text (above 18pt) WCAG AA × Fail

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 42.5338, 45.1440, 52.3708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

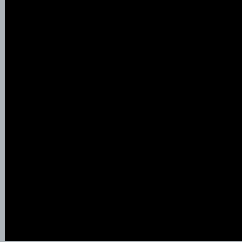
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5338, 45.1440, 52.3708

Background



This preview shows how black text looks on a background with the XYZ color 42.5338, 45.1440, 52.3708.



This preview shows how white text looks on a background with the XYZ color 42.5338, 45.1440,

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

42.5338, 45.1440, 52.3708

Protanopia

43.6282, 45.1252, 51.7580

Deuteranopia

45.9913, 45.1547, 52.7461



Tritanopia

43.4249, 45.2044, 56.8887

Trichromacy



Original Color

42.5338, 45.1440, 52.3708

Protanomaly

43.1319, 45.1659, 51.7920

Deuteranomaly

44.6380, 45.0349, 52.7943

Tritanomaly

43.0936, 45.0719, 55.1437

Monochromacy



Original Color

42.5338, 45.1440, 52.3708

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.5921, 44.9235, 50.1423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5338, 45.1440, 52.3708 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(174, 180, 185)` looks like.

```
.text, #text, p{  
    color:rgb(174, 180, 185)  
}
```

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(174, 180, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 180, 185) }
```

Border

The CSS property to change the border of an element to XYZ 42.5338, 45.1440, 52.3708 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(174, 180, 185) }
```


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

```
.border{ border-color:rgb(174, 180, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 180, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 180, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 180, 185);  
box-shadow:4px 4px 4px 4px rgb(174, 180,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5338, 45.1440, 52.3708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 180, 185) }
```

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

```
.background{ background-color: rgb(174,  
180, 185) }
```

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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