

Converting Colors

XYZ(42.4304, 46.0556, 53.3328)

Have a look what the booklet for
XYZ(42.4304, 46.0556, 53.3328)
contains.

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Color

**XYZ(42.3740, 45.9582,
53.0918)**

Conversions

Conversions Part 1

Format	Color
Hex	AAB7BA
RGB	170, 183, 186
RGB Percent	67%, 72%, 73%
CMY	0.3333, 0.2823, 0.2706
CMYK	0.09, 0.02, 0.00, 0.27
HSL	191°, 10%, 70%
HSV	191°, 9%, 73%
XYZ	42.3740, 45.9582, 53.0918
YIQ	179.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

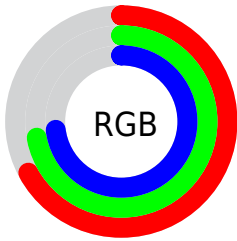
Format	Color
RYB	170, 177, 186
Decimal	11188154
CIELab	73.52, -3.89, -3.08
CIELCh	74, 4.959, 218.327
Yxy	45.9582, 0.2996, 0.3250
Android (android.graphics.Color)	4289378234 (0xFFAAB7BA)
YUV	179.4550, 3.2267, -8.2920
Hunter-Lab	67.7925, -7.0646, 1.0217

Details

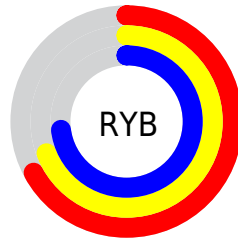
The XYZ color **42.3740, 45.9582, 53.0918** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.4492, 43.2283, 44.1376**, and the grayscale version is **43.0783, 45.3217, 49.3553**.

A 20% lighter version of the original color is **77.9449, 84.1514, 96.1391**, and **19.6875, 21.5103, 25.3046** is the 20% darker color. If you saturate the color by 10%, you get **37.9247, 42.6120, 52.6811**, and if you desaturate by 10%, it is **47.4126, 49.6371, 53.5371**.

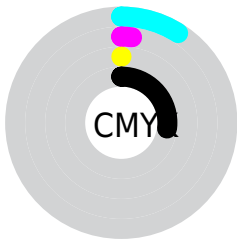
Distribution



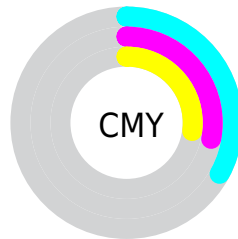
- Red (67%)
- Green (72%)
- Blue (73%)



- Red (67%)
- Yellow (69%)
- Blue (73%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3740, 45.9582, 53.0918 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 42.3740, 45.9582, 53.0918 by changing the saturation by 10% instead.

■ 42.3740, 45.9582,
53.0918

■ 42.3740, 45.9582,
53.0918

346.9963,
370.6406, 415.7135

■ 29.5866, 32.2128,
37.4878

■ 78.0270, 84.1564,
96.1824

■ 19.6716, 21.5241,
25.2867

101.6233,
109.3781, 124.5060

■ 12.2634, 13.5077,
16.0698

129.5533,
139.1940, 157.9067

■ 6.9968, 7.7790,
9.4187

162.1824,
173.9885, 196.8028

■ 3.5064, 3.9539,
4.9147

199.8758,
214.1460, 241.6131

■ 1.4269, 1.6478,
2.1395

242.9991,

■ 0.2753, 0.3895,

260.0509, 292.7559

0.6391

291.9174,
312.0877, 350.6499

■ 0.0000, 0.0000,
0.0000

■ 42.3740, 45.9582,
53.0918

■ 42.3740, 45.9582,
53.0918

■ 37.9247, 42.6120,
52.6811

■ 47.4126, 49.6371,
53.5371

■ 34.0369, 39.5803,
52.3009

■ 53.0592, 53.6548,
54.0149

■ 30.6864, 36.8515,
51.9508

■ 59.3362, 58.0242,
54.5275

■ 27.8455, 34.4114,
51.6295

■ 66.2639, 62.7561,
55.0757

■ 25.4842, 32.2441,
51.3356

■ 70.8560, 66.3110,
55.5198

■ 23.5691, 30.3323,
51.0675

■ 71.6744, 67.9479,
55.7927

■ 22.0624, 28.6563,
50.8234

■ 72.5114, 69.6219,
56.0716

■ 20.9196, 27.1930,
50.6012

■ 73.3670, 71.3331,
56.3569

■ 20.0665, 25.9038,
50.3974

■ 74.2414, 73.0819,
56.6483

Harmonies

Analogous

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



42.0366, 45.9582, 50.7425



42.3740, 45.9582, 53.0918



43.0629, 45.9582, 54.6581

Triad

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



42.3740, 45.9582, 53.0918



45.2657, 45.9582, 51.8431



43.4384, 45.9582, 45.4184

Complementary

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



42.3740, 45.9582, 53.0918



42.4492, 43.2283, 44.1376

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.



44.3068, 45.9582, 45.6909



42.3740, 45.9582, 53.0918



45.3695, 45.9582, 49.3454

Square

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



42.3740, 45.9582, 53.0918



44.7347, 45.9582, 53.9206



45.0164, 45.9582, 47.1087



42.6458, 45.9582, 46.3515

Rectangle

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



42.3740, 45.9582, 53.0918



43.6328, 45.9582, 55.0183



45.0164, 45.9582, 47.1087



43.7311, 45.9582, 45.3727

Sweetspot

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



42.3753, 45.9601, 53.0928



81.7421, 86.9297, 96.6722



41.6736, 46.6792, 46.3157



17.8379, 19.0244, 21.2745



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



42.3753, 45.9601, 53.0928



75.4763, 82.3167, 96.1121



40.7842, 42.7780, 52.5625



9.1198, 9.9169, 11.5129



13.4763, 17.4124, 33.9037



0.5126, 0.6888, 1.2077

Inverse Universe

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



43.1727, 42.6084, 50.7508



77.1721, 75.2334, 91.1214



44.0164, 46.3628, 44.6600



9.3068, 9.1331, 10.9631



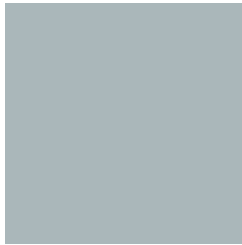
17.4159, 8.5401, 20.6088



0.6329, 0.3086, 0.8261

Previews

White Background



This preview shows how the XYZ color 42.3740, 45.9582, 53.0918 looks on a white background.

Color Contrast Check

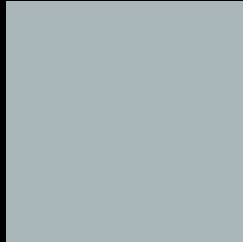
Large Text (above 18pt) WCAG AA × Fail

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 42.3740, 45.9582, 53.0918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

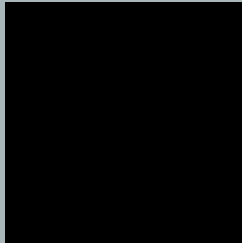
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

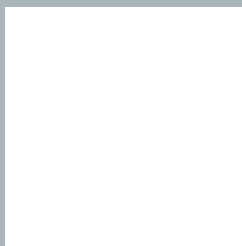
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.3740, 45.9582, 53.0918

Background



This preview shows how black text looks on a background with the XYZ color 42.3740, 45.9582, 53.0918.



This preview shows how white text looks on a background with the XYZ color 42.3740, 45.9582,

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

42.3740, 45.9582, 53.0918

Protanopia

44.0632, 45.6460, 51.8356

Deuteranopia

46.9127, 45.8929, 53.9626



Tritanopia

43.5009, 45.8039, 58.7728

Trichromacy



Original Color

42.3740, 45.9582, 53.0918

Protanomaly

43.4383, 45.6103, 52.4132

Deuteranomaly

45.1397, 45.8677, 53.4879

Tritanomaly

43.0370, 45.9196, 56.4642

Monochromacy



Original Color

42.3740, 45.9582, 53.0918

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.6693, 45.2500, 50.7412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3740, 45.9582, 53.0918 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(170, 183, 186)` looks like.

```
.text, #text, p{  
    color:rgb(170, 183, 186)  
}
```

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(170, 183, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 183, 186) }
```

Border

The CSS property to change the border of an element to XYZ 42.3740, 45.9582, 53.0918 is called "border". The border property can be set on classes, ids or directly on the HTML element.

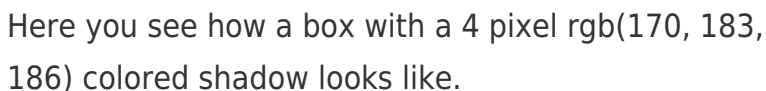
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 183, 186) }
```


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

```
.border{ border-color:rgb(170, 183, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 183, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 183, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 183, 186);  
box-shadow:4px 4px 4px 4px rgb(170, 183,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3740, 45.9582, 53.0918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 183, 186) }
```

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

```
.background{ background-color: rgb(170,  
183, 186) }
```

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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