

Converting Colors

XYZ(42.2766, 45.5384, 53.1528)

Have a look what the booklet for
XYZ(42.2766, 45.5384, 53.1528)
contains.

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Color

**XYZ(42.3855, 45.6590,
53.0335)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB6BA
RGB	171, 182, 186
RGB Percent	67%, 71%, 73%
CMY	0.3294, 0.2863, 0.2706
CMYK	0.08, 0.02, 0.00, 0.27
HSL	196°, 10%, 70%
HSV	196°, 8%, 73%
XYZ	42.3855, 45.6590, 53.0335
YIQ	179.1670, -7.8400, -1.0880

Conversions

Conversions Part 2

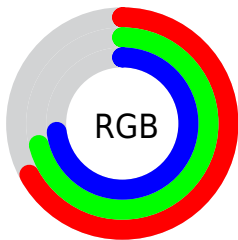
Format	Color
RYB	171, 177, 186
Decimal	11253434
CIELab	73.32, -3.02, -3.35
CIELCh	73, 4.510, 228.027
Yxy	45.6590, 0.3004, 0.3236
Android (android.graphics.Color)	4289443514 (0xFFABB6BA)
YUV	179.1670, 3.3687, -7.1625
Hunter-Lab	67.5714, -6.2824, 0.7662

Details

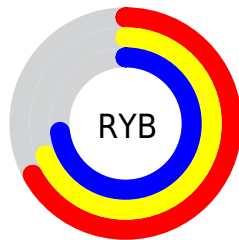
The XYZ color **42.3855, 45.6590, 53.0335** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.9306, 44.0391, 44.7667**, and the grayscale version is **42.9235, 45.1588, 49.1780**.

A 20% lighter version of the original color is **77.9656, 83.7286, 96.0564**, and **19.6916, 21.3159, 25.2668** is the 20% darker color. If you saturate the color by 10%, you get **37.6188, 41.7225, 52.5256**, and if you desaturate by 10%, it is **47.7610, 49.9652, 53.5821**.

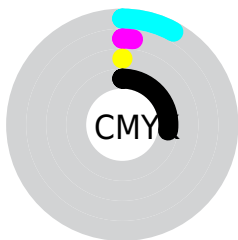
Distribution



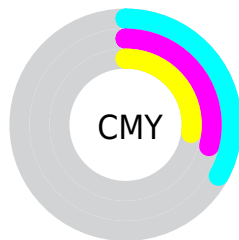
- Red (67%)
- Green (71%)
- Blue (73%)



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



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3855, 45.6590, 53.0335 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 42.3855, 45.6590, 53.0335 by changing the saturation by 10% instead.

■ 42.3855, 45.6590,
53.0335

■ 42.3855, 45.6590,
53.0335

347.0430,
369.4360, 415.4836

■ 29.5957, 31.9768,
37.4416

■ 78.0442, 83.7084,
96.0957

■ 19.6785, 21.3438,
25.2511

101.6439,
108.8445, 124.4031

■ 12.2684, 13.3755,
16.0435

129.5775,
138.5672, 157.7861

■ 7.0003, 7.6876,
9.4003

162.2105,
173.2611, 196.6632

■ 3.5086, 3.8957,
4.9028

199.9082,
213.3106, 241.4529

■ 1.4281, 1.6154,
2.1326

243.0359,

■ 0.2761, 0.3680,

259.0999, 292.5739

0.6351

291.9591,
311.0136, 350.4446

■ 0.0000, 0.0000,
0.0000

■ 42.3855, 45.6590,
53.0335

■ 42.3855, 45.6590,
53.0335

■ 37.6188, 41.7225,
52.5256

■ 47.7610, 49.9652,
53.5821

■ 33.4328, 38.1369,
52.0541

■ 53.7638, 54.6475,
54.1695

■ 29.8031, 34.8903,
51.6188

■ 60.4169, 59.7193,
54.7978

■ 26.7020, 31.9680,
51.2182

■ 67.7406, 65.1919,
55.4681

■ 24.0994, 29.3537,
50.8507

■ 72.3644, 69.3280,
56.0227

■ 21.9617, 27.0296,
50.5148

■ 73.5827, 71.7644,
56.4288

■ 20.2512, 24.9757,
50.2085

■ 74.8389, 74.2769,
56.8475

■ 18.9236, 23.1686,
49.9297

■ 76.1335, 76.8661,
57.2791

■ 17.9099, 21.5720,
49.6750

■ 77.4668, 79.5326,
57.7235

Harmonies

Analogous

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



41.9633, 45.6590, 51.0789



42.3855, 45.6590, 53.0335



43.0819, 45.6590, 54.1114

Triad

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



42.3855, 45.6590, 53.0335



44.9066, 45.6590, 50.6265



42.9272, 45.6590, 45.6760

Complementary

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



42.3855, 45.6590, 53.0335



42.9306, 44.0391, 44.7667

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.



43.7147, 45.6590, 45.5632



42.3855, 45.6590, 53.0335



44.8640, 45.6590, 48.3754

Square

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



42.3855, 45.6590, 53.0335



44.5413, 45.6590, 52.6936



44.4255, 45.6590, 46.5377



42.2735, 45.6590, 46.8506

Rectangle

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



42.3855, 45.6590, 53.0335



43.6108, 45.6590, 54.1666



44.4255, 45.6590, 46.5377



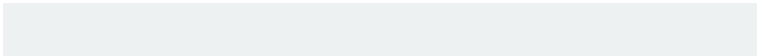
43.1849, 45.6590, 45.5140

Sweetspot

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



42.3868, 45.6609, 53.0345



82.5682, 87.3864, 96.7169



42.0676, 46.8619, 47.2577



18.2054, 19.2619, 21.3010



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.



42.3868, 45.6609, 53.0345



74.9218, 81.2077, 95.9272



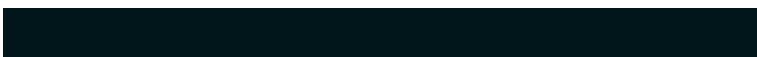
40.9397, 42.7667, 52.5521



9.0588, 9.7947, 11.4926



11.9911, 14.4418, 33.4086



0.4706, 0.6049, 1.1937

Inverse Universe

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



43.2572, 42.9433, 50.2672



76.8922, 75.1215, 89.6476



44.3803, 46.9386, 45.2499



9.2760, 9.1208, 10.8008



16.6662, 8.2402, 16.6610



0.6117, 0.3002, 0.7147

Previews

White Background



This preview shows how the XYZ color 42.3855, 45.6590, 53.0335 looks on a white background.

Color Contrast Check

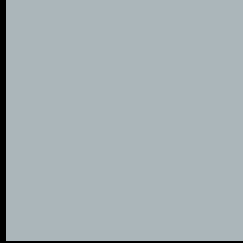
Large Text (above 18pt) WCAG AA × Fail

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 42.3855, 45.6590, 53.0335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

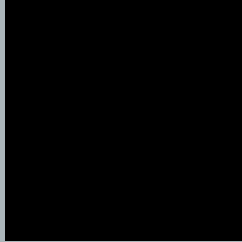
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

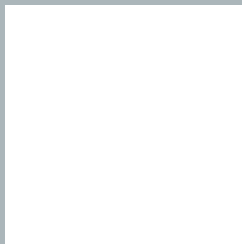
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.3855, 45.6590, 53.0335

Background



This preview shows how black text looks on a background with the XYZ color 42.3855, 45.6590, 53.0335.



This preview shows how white text looks on a background with the XYZ color 42.3855, 45.6590,

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

42.3855, 45.6590, 53.0335

Protanopia

44.0632, 45.6460, 51.8356

Deuteranopia

46.4613, 45.3723, 53.8859



Tritanopia

43.6078, 45.8721, 58.1856

Trichromacy



Original Color

42.3855, 45.6590, 53.0335

Protanomaly

43.4383, 45.6103, 52.4132

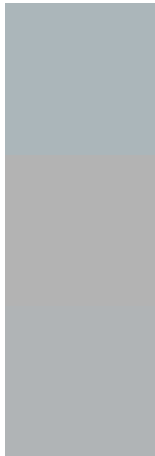
Deuteranomaly

44.9415, 45.4712, 53.4219

Tritanomaly

43.0516, 45.6242, 56.4065

Monochromacy



Original Color

42.3855, 45.6590, 53.0335

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 42.3855, 45.6590, 53.0335 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(171, 182, 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(171, 182, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 182, 186) }
```

Border

The CSS property to change the border of an element to XYZ 42.3855, 45.6590, 53.0335 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, 186) }
```


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

```
.border{ border-color:rgb(171, 182, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 182, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 182, 186);  
box-shadow:4px 4px 4px 4px rgb(171, 182,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3855, 45.6590, 53.0335 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, 186) }
```

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

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