

Converting Colors

XYZ(41.1489, 45.4225, 53.5154)

Have a look what the booklet for
XYZ(41.1489, 45.4225, 53.5154)
contains.

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Color

**XYZ(41.0074, 45.2414,
53.5848)**

Conversions

Conversions Part 1

Format	Color
Hex	A3B7BB
RGB	163, 183, 187
RGB Percent	64%, 72%, 73%
CMY	0.3608, 0.2823, 0.2667
CMYK	0.13, 0.02, 0.00, 0.27
HSL	190°, 15%, 69%
HSV	190°, 13%, 73%
XYZ	41.0074, 45.2414, 53.5848
YIQ	177.4760, -13.2040, -2.9960

Conversions

Conversions Part 2

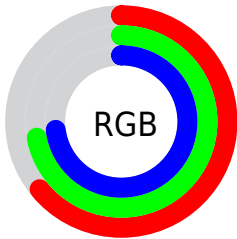
Format	Color
R_{YB}	163, 174, 187
Decimal	10729403
CIE Lab	73.05, -6.02, -4.37
CIE LCh	73, 7.441, 215.940
Yxy	45.2414, 0.2933, 0.3235
Android (android.graphics.Color)	4288919483 (0xFFA3B7BB)
YUV	177.4760, 4.6953, -12.6955
Hunter-Lab	67.2617, -8.8821, -0.1508

Details

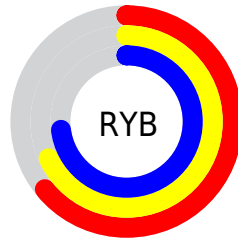
The XYZ color **41.0074, 45.2414, 53.5848** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **40.9233, 40.8463, 40.3784**, and the grayscale version is **42.0224, 44.2109, 48.1456**.

A 20% lighter version of the original color is **75.9576, 83.1095, 96.8324**, and **18.8413, 21.0660, 25.6274** is the 20% darker color. If you saturate the color by 10%, you get **36.8231, 42.1424, 53.2079**, and if you desaturate by 10%, it is **45.7747, 48.6645, 53.9950**.

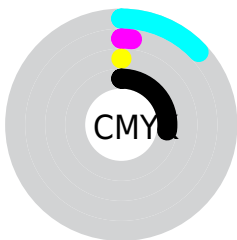
Distribution



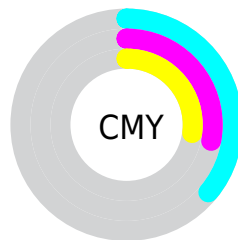
- Red (64%)
- Green (72%)
- Blue (73%)



- Red (64%)
- Yellow (68%)
- Blue (73%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)



- Cyan (36%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0074, 45.2414, 53.5848 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 41.0074, 45.2414, 53.5848 by changing the saturation by 10% instead.

■ 41.0074, 45.2414,
53.5848

■ 41.0074, 45.2414,
53.5848

341.4136,
367.7504, 417.6545

■ 28.5126, 31.6476,
37.8789

■ 75.9698, 83.0825,
96.9146

■ 18.8548, 21.0925,
25.5876

■ 99.1680, 108.0987,
125.3756

■ 11.6688, 13.1916,
16.2924

126.6647,
137.6911, 158.9253

■ 6.5892, 7.5606,
9.5747

158.8254,
172.2441, 197.9824

■ 3.2506, 3.8151,
5.0160

196.0152,
212.1421, 242.9653

■ 1.2876, 1.5707,
2.1977

238.5996,

■ 0.1739, 0.3377,

257.7696, 294.2926

0.6731

286.9440,
309.5109, 352.3828

■ 0.0000, 0.0000,
0.0000

■ 41.0074, 45.2414,
53.5848

■ 41.0074, 45.2414,
53.5848

■ 36.8231, 42.1424,
53.2079

■ 45.7747, 48.6645,
53.9950

■ 33.1931, 39.3488,
52.8600

■ 51.1445, 52.4182,
54.4365

■ 30.0919, 36.8487,
52.5409

■ 57.1399, 56.5159,
54.9114

■ 27.4907, 34.6271,
52.2492

■ 63.7821, 60.9684,
55.4208

■ 25.3577, 32.6674,
51.9833

■ 70.5359, 65.5001,
55.9395

■ 23.6573, 30.9512,
51.7417

■ 71.2579, 66.9441,
56.1802

■ 22.3489, 29.4573,
51.5223

■ 71.9946, 68.4175,
56.4258

■ 21.3836, 28.1604,
51.3228

■ 72.7461, 69.9206,
56.6763

■ 20.8341, 27.3167,
51.1889

■ 73.5126, 71.4535,
56.9318

Harmonies

Analogous

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



40.5608, 45.2414, 50.0051



41.0074, 45.2414, 53.5848



41.9890, 45.2414, 56.0940

Triad

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



41.0074, 45.2414, 53.5848



45.3249, 45.2414, 52.2383



42.7423, 45.2414, 42.4742

Complementary

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



41.0074, 45.2414, 53.5848



40.9233, 40.8463, 40.3784

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.



44.0283, 45.2414, 43.0052



41.0074, 45.2414, 53.5848



45.5363, 45.2414, 48.5227

Square

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



41.0074, 45.2414, 53.5848



44.4852, 45.2414, 55.2896



45.0573, 45.2414, 45.1748



41.5494, 45.2414, 43.6859

Rectangle

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



41.0074, 45.2414, 53.5848



42.8238, 45.2414, 56.7556



45.0573, 45.2414, 45.1748



43.1779, 45.2414, 42.4556

Sweetspot

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



41.0087, 45.2433, 53.5858



80.8731, 86.3709, 96.6102



39.8135, 46.1032, 43.1668



17.6612, 18.9148, 21.2626



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.



41.0087, 45.2433, 53.5858



71.5464, 79.6401, 95.8026



38.7133, 40.6524, 52.8207



9.6697, 10.5317, 12.1954



14.4001, 18.9119, 35.2843



0.6006, 0.8138, 1.3943

Inverse Universe

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



42.1390, 40.1790, 50.3363



73.9232, 69.0897, 88.9473



43.1451, 45.2900, 41.1190



9.8599, 9.6682, 11.6511



18.2693, 8.9389, 22.5094



0.7341, 0.3575, 0.9788

Previews

White Background



This preview shows how the XYZ color 41.0074, 45.2414, 53.5848 looks on a white background.

Color Contrast Check

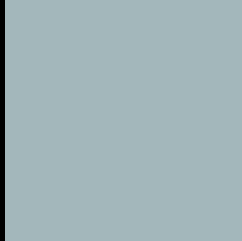
Large Text (above 18pt) WCAG AA × Fail

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 41.0074, 45.2414, 53.5848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

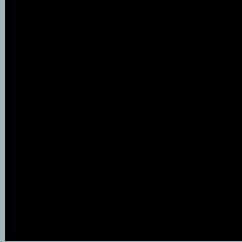
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0074, 45.2414, 53.5848

Background



This preview shows how black text looks on a background with the XYZ color 41.0074, 45.2414, 53.5848.



This preview shows how white text looks on a background with the XYZ color 41.0074, 45.2414,

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

41.0074, 45.2414, 53.5848

Protanopia

43.6282, 45.1252, 51.7580

Deuteranopia

46.0596, 45.1527, 54.4319



Tritanopia

42.2088, 45.4408, 58.7709

Trichromacy



Original Color

41.0074, 45.2414, 53.5848

Protanomaly

42.5338, 45.1440, 52.3708

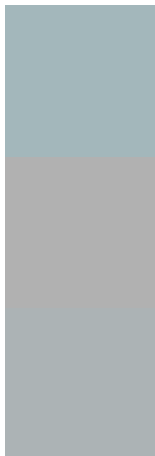
Deuteranomaly

43.8553, 44.8989, 53.9319

Tritanomaly

41.6634, 45.1987, 56.9804

Monochromacy



Original Color

41.0074, 45.2414, 53.5848

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.4738, 44.3471, 50.0900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0074, 45.2414, 53.5848 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(163, 183, 187)` looks like.

```
.text, #text, p{  
    color:rgb(163, 183, 187)  
}
```

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(163, 183, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 183, 187) }
```

Border

The CSS property to change the border of an element to XYZ 41.0074, 45.2414, 53.5848 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(163, 183, 187) }
```


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

```
.border{ border-color:rgb(163, 183, 187) }
```

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

Here you see how a box with a 4 pixel rgb(163, 183, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 183, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 183, 187);  
box-shadow:4px 4px 4px 4px rgb(163, 183,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0074, 45.2414, 53.5848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 183, 187) }
```

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

```
.background{ background-color: rgb(163,  
183, 187) }
```

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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