

Converting Colors

XYZ(41.6023, 45.1504, 55.2698)

Have a look what the booklet for
XYZ(41.6023, 45.1504, 55.2698)
contains.

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Color

**XYZ(41.5393, 45.1729,
55.2451)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B6BE
RGB	165, 182, 190
RGB Percent	65%, 71%, 75%
CMY	0.3529, 0.2863, 0.2549
CMYK	0.13, 0.04, 0.00, 0.25
HSL	199°, 16%, 70%
HSV	199°, 13%, 75%
XYZ	41.5393, 45.1729, 55.2451
YIQ	177.8290, -12.7000, -1.1160

Conversions

Conversions Part 2

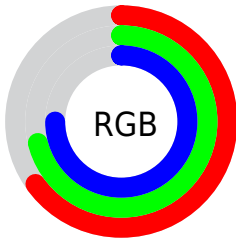
Format	Color
R_{YB}	165, 175, 190
Decimal	10860222
CIE Lab	73.01, -4.20, -6.06
CIE LCh	73, 7.375, 235.245
Yxy	45.1729, 0.2926, 0.3182
Android (android.graphics.Color)	4289050302 (0xFFA5B6BE)
YUV	177.8290, 6.0003, -11.2510
Hunter-Lab	67.2108, -7.2978, -1.6869

Details

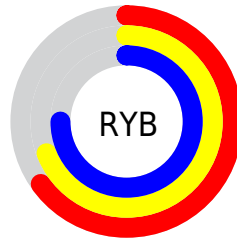
The XYZ color **41.5393, 45.1729, 55.2451** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.9707, 43.5510, 41.7397**, and the grayscale version is **42.2017, 44.3995, 48.3510**.

A 20% lighter version of the original color is **76.7243, 83.0185, 99.1692**, and **19.1757, 21.0174, 26.7130** is the 20% darker color. If you saturate the color by 10%, you get **36.6595, 40.8504, 54.6687**, and if you desaturate by 10%, it is **47.0629, 49.9099, 55.8690**.

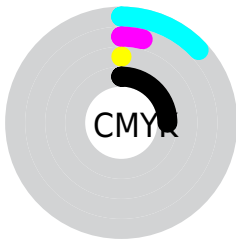
Distribution



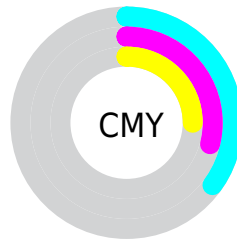
- Red (65%)
- Green (71%)
- Blue (75%)



- Red (65%)
- Yellow (69%)
- Blue (75%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (35%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5393, 45.1729, 55.2451 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 41.5393, 45.1729, 55.2451 by changing the saturation by 10% instead.

■ 41.5393, 45.1729,
55.2451

■ 41.5393, 45.1729,
55.2451

343.5938,
367.4734, 424.1485

■ 28.9303, 31.5936,
39.1981

■ 76.7714, 82.9798,
99.3747

■ 19.1721, 21.0513,
26.6048

■ 100.1253,
107.9762, 128.2944

■ 11.8994, 13.1615,
17.0469

127.7914,
137.5472, 162.3420

■ 6.7469, 7.5399,
10.1056

160.1351,
172.0770, 201.9361

■ 3.3493, 3.8020,
5.3625

197.5219,
211.9502, 247.4953

■ 1.3410, 1.5634,
2.3991

240.3170,

■ 0.2136, 0.3327,

257.5510, 299.4381

0.7859

288.8859,
309.2639, 358.1829

■ 0.0000, 0.0000,
0.0000

■ 41.5393, 45.1729,
55.2451

■ 41.5393, 45.1729,
55.2451

■ 36.6595, 40.8504,
54.6687

■ 47.0629, 49.9099,
55.8690

■ 32.3932, 36.9221,
54.1353

■ 53.2512, 55.0696,
56.5388

■ 28.7131, 33.3743,
53.6445

■ 60.1290, 60.6670,
57.2567

■ 25.5885, 30.1900,
53.1945

■ 67.7186, 66.7144,
58.0239

■ 22.9857, 27.3507,
52.7837

■ 74.1768, 72.2626,
58.7545

■ 20.8669, 24.8360,
52.4100

■ 75.7288, 75.3666,
59.2718

■ 19.1888, 22.6223,
52.0711

■ 77.3386, 78.5862,
59.8084

■ 17.8997, 20.6819,
51.7645

■ 79.0069, 81.9228,
60.3645

■ 17.1734, 19.4758,
51.5700

■ 80.7343, 85.3775,
60.9403

Harmonies

Analogous

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



40.7345, 45.1729, 52.2725



41.5393, 45.1729, 55.2451



42.7305, 45.1729, 56.5967

Triad

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



41.5393, 45.1729, 55.2451



45.4507, 45.1729, 49.7758



41.8881, 45.1729, 43.0461

Complementary

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



41.5393, 45.1729, 55.2451



42.9707, 43.5510, 41.7397

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.



43.1411, 45.1729, 42.4515



41.5393, 45.1729, 55.2451



45.2143, 45.1729, 46.2227

Square

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



41.5393, 45.1729, 55.2451



45.0022, 45.1729, 53.3401



44.3626, 45.1729, 43.5862



40.9330, 45.1729, 45.2526

Rectangle

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



41.5393, 45.1729, 55.2451



43.5899, 45.1729, 56.3498



44.3626, 45.1729, 43.5862



42.2877, 45.1729, 42.6559

Sweetspot

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



41.5406, 45.1748, 55.2461



84.3264, 89.6328, 101.1355



41.4662, 47.8410, 46.5426



18.3424, 19.5342, 22.1890



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



41.5406, 45.1748, 55.2461



72.4110, 79.3531, 99.7793



39.1090, 40.3115, 54.4356



9.5442, 10.2808, 12.1536



11.4925, 13.0967, 34.3151



0.5068, 0.6262, 1.3630

Inverse Universe

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



43.1349, 41.2359, 49.9439



75.9327, 70.8197, 88.0296



45.4638, 48.5371, 42.5707



9.7966, 9.6429, 11.3176



16.8017, 8.3518, 14.7810



0.6867, 0.3386, 0.7295

Previews

White Background



This preview shows how the XYZ color 41.5393, 45.1729, 55.2451 looks on a white background.

Color Contrast Check

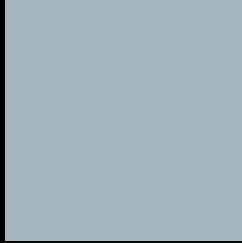
Large Text (above 18pt) WCAG AA × Fail

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 41.5393, 45.1729, 55.2451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

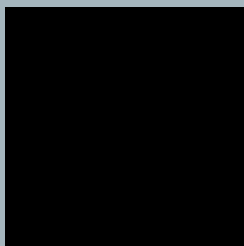
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

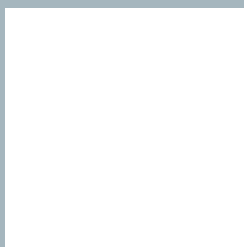
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.5393, 45.1729, 55.2451

Background



This preview shows how black text looks on a background with the XYZ color 41.5393, 45.1729, 55.2451.



This preview shows how white text looks on a background with the XYZ color 41.5393, 45.1729,

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

41.5393, 45.1729, 55.2451

Protanopia

43.8199, 45.1749, 53.9870

Deuteranopia

46.1363, 45.1542, 56.1532



Tritanopia

42.2136, 45.1403, 58.7126

Trichromacy



Original Color

41.5393, 45.1729, 55.2451

Protanomaly

42.9846, 45.0283, 54.5699

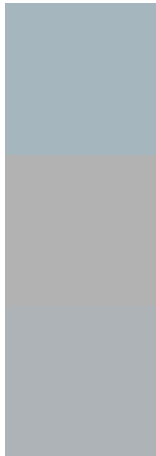
Deuteranomaly

44.4175, 45.1510, 55.6642

Tritanomaly

41.9874, 45.0498, 57.5214

Monochromacy



Original Color

41.5393, 45.1729, 55.2451

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.7972, 44.5018, 50.6427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5393, 45.1729, 55.2451 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(165, 182, 190)` looks like.

```
.text, #text, p{  
    color:rgb(165, 182, 190)  
}
```

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(165, 182, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 182, 190) }
```

Border

The CSS property to change the border of an element to XYZ 41.5393, 45.1729, 55.2451 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(165, 182, 190) }
```


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

```
.border{ border-color:rgb(165, 182, 190) }
```

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

Here you see how a box with a 4 pixel rgb(165, 182, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 182, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 182, 190);  
box-shadow:4px 4px 4px 4px rgb(165, 182,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5393, 45.1729, 55.2451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 182, 190) }
```

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

```
.background{ background-color: rgb(165,  
182, 190) }
```

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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