

Converting Colors

XYZ(41.4144, 45.4960, 45.0869)

Have a look what the booklet for
XYZ(41.4144, 45.4960, 45.0869)
contains.

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Color

**XYZ(41.5178, 45.6915,
45.1592)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB7AB
RGB	173, 183, 171
RGB Percent	68%, 72%, 67%
CMY	0.3216, 0.2823, 0.3294
CMYK	0.05, 0.00, 0.07, 0.28
HSL	110°, 8%, 69%
HSV	110°, 7%, 72%
XYZ	41.5178, 45.6915, 45.1592
YIQ	178.6420, -2.1080, -5.8520

Conversions

Conversions Part 2

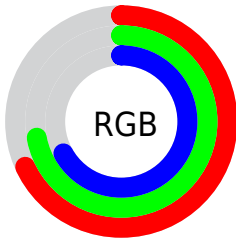
Format	Color
R _Y B	171, 183, 181
Decimal	11384747
CIE Lab	73.34, -5.73, 4.89
CIE LCh	73, 7.536, 139.522
Yxy	45.6915, 0.3137, 0.3452
Android (android.graphics.Color)	4289574827 (0xFFADB7AB)
YUV	178.6420, -3.7675, -4.9480
Hunter-Lab	67.5955, -8.6557, 7.7064

Details

The XYZ color **41.5178, 45.6915, 45.1592** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.1679, 42.3697, 50.7578**, and the grayscale version is **42.6786, 44.9012, 48.8974**.

A 20% lighter version of the original color is **76.5889, 83.7180, 84.0740**, and **19.1976, 21.3621, 20.5642** is the 20% darker color. If you saturate the color by 10%, you get **36.7109, 43.4026, 36.4503**, and if you desaturate by 10%, it is **46.9538, 48.2795, 55.1602**.

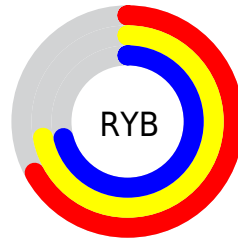
Distribution



Red (68%)

Green (72%)

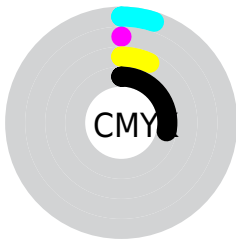
Blue (67%)



Red (67%)

Yellow (72%)

Blue (71%)

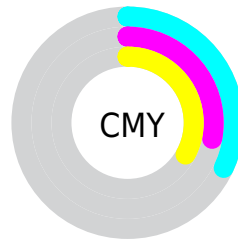


Cyan (5%)

Magenta (0%)

Yellow (7%)

Black (28%)



Cyan (32%)

Magenta (28%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5178, 45.6915, 45.1592 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 41.5178, 45.6915, 45.1592 by changing the saturation by 10% instead.

■ 41.5178, 45.6915,
45.1592

■ 41.5178, 45.6915,
45.1592

343.5059,
369.5670, 383.5969

■ 28.9134, 32.0024,
31.2390

■ 76.7391, 83.7571,
84.2802

■ 19.1592, 21.3634,
20.5209

100.0866,
108.9025, 110.3181

■ 11.8901, 13.3899,
12.5864

127.7459,
138.6354, 141.2323

■ 6.7405, 7.6976,
7.0170

160.0823,
173.3402, 177.4414

■ 3.3453, 3.9020,
3.3941

197.4611,
213.4014, 219.3638

■ 1.3389, 1.6189,
1.2992

240.2477,

■ 0.2120, 0.3703,

259.2033, 267.4182

0.0612

288.8075,
311.1304, 322.0230

■ 0.0000, 0.0000,
0.0000

■ 41.5178, 45.6915,
45.1592

■ 41.5178, 45.6915,
45.1592

■ 36.7109, 43.4026,
36.4503

■ 46.9538, 48.2795,
55.1602

■ 32.5066, 41.3962,
28.9780

■ 53.0366, 51.1706,
66.4998

■ 28.8820, 39.6631,
22.6870

■ 59.7882, 54.3764,
79.2260

■ 25.8112, 38.1913,
17.5170

■ 67.2280, 57.9062,
93.3834

■ 23.2666, 36.9680,
13.4020

■ 74.1430, 61.2758,
102.5274

■ 21.2179, 35.9791,
10.2694

■ 76.2244, 62.3487,
102.6248

■ 19.6318, 35.2091,
8.0371

■ 18.4704, 34.6408,
6.6100

■ 17.6874, 34.2530,
5.8601

Harmonies

Analogous

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



42.5820, 45.6915, 43.1807



41.5178, 45.6915, 45.1592



40.9693, 45.6915, 48.4341

Triad

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



41.5178, 45.6915, 45.1592



42.9664, 45.6915, 57.2812



45.8760, 45.6915, 47.3500

Complementary

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



41.5178, 45.6915, 45.1592



42.1679, 42.3697, 50.7578

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.



45.9840, 45.6915, 51.0901



41.5178, 45.6915, 45.1592



44.2859, 45.6915, 56.9545

Square

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



41.5178, 45.6915, 45.1592



41.7943, 45.6915, 55.5136



45.3967, 45.6915, 54.6424



45.1046, 45.6915, 44.4003

Rectangle

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



41.5178, 45.6915, 45.1592



40.9622, 45.6915, 50.9679



45.3967, 45.6915, 54.6424



45.9917, 45.6915, 48.5522

Sweetspot

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



41.5191, 45.6935, 45.1602



78.6197, 83.8615, 88.6906



43.4049, 46.0574, 45.1311



17.3872, 18.5332, 19.6305



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.



41.5191, 45.6935, 45.1602



72.9280, 81.1520, 78.2720



41.4674, 45.6221, 47.1790



9.0261, 10.1301, 9.5865



12.2370, 23.8447, 3.9575



0.4749, 0.8630, 0.1416

Inverse Universe

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



42.1679, 42.3697, 50.7578



74.3536, 73.8489, 90.5711



42.2297, 42.4490, 48.6173



9.2301, 9.0850, 11.3465



15.1122, 7.1018, 31.8274



0.5722, 0.2707, 1.1238

Previews

White Background



This preview shows how the XYZ color 41.5178, 45.6915, 45.1592 looks on a white background.

Color Contrast Check

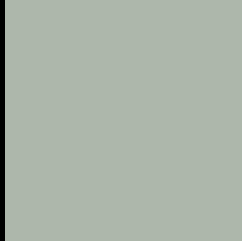
Large Text (above 18pt) WCAG AA × Fail

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 41.5178, 45.6915, 45.1592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

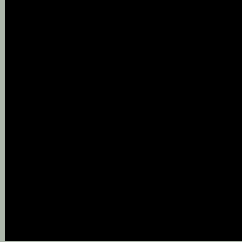
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

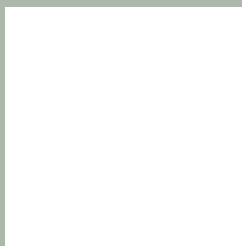
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.5178, 45.6915, 45.1592

Background



This preview shows how black text looks on a background with the XYZ color 41.5178, 45.6915, 45.1592.



This preview shows how white text looks on a background with the XYZ color 41.5178, 45.6915,

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

41.5178, 45.6915, 45.1592

Protanopia

43.5312, 45.5439, 44.0326

Deuteranopia

46.4983, 45.5686, 45.8801



Tritanopia

44.1903, 45.8847, 57.5665

Trichromacy



Original Color

41.5178, 45.6915, 45.1592

Protanomaly

42.6330, 45.3686, 44.5402

Deuteranomaly

44.4037, 45.3700, 45.4467

Tritanomaly

43.2913, 45.8230, 53.0174

Monochromacy



Original Color

41.5178, 45.6915, 45.1592

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.2892, 45.1242, 47.5553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5178, 45.6915, 45.1592 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(173, 183, 171)` looks like.

```
.text, #text, p{  
    color:rgb(173, 183, 171)  
}
```

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(173, 183, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 183, 171) }
```

Border

The CSS property to change the border of an element to XYZ 41.5178, 45.6915, 45.1592 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(173, 183, 171) }
```


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

```
.border{ border-color:rgb(173, 183, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 183, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 183, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 183, 171);  
box-shadow:4px 4px 4px 4px rgb(173, 183,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5178, 45.6915, 45.1592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 183, 171) }
```

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

```
.background{ background-color: rgb(173,  
183, 171) }
```

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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