

Converting Colors

XYZ(41.7195, 45.7888, 43.0440)

Have a look what the booklet for
XYZ(41.7195, 45.7888, 43.0440)
contains.

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Color

**XYZ(41.8130, 45.8871,
43.2125)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B7A7
RGB	176, 183, 167
RGB Percent	69%, 72%, 65%
CMY	0.3098, 0.2823, 0.3451
CMYK	0.04, 0.00, 0.09, 0.28
HSL	86°, 10%, 69%
HSV	86°, 9%, 72%
XYZ	41.8130, 45.8871, 43.2125
YIQ	179.0830, 0.9640, -6.4600

Conversions

Conversions Part 2

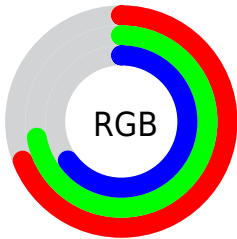
Format	Color
RYB	167, 183, 174
Decimal	11581351
CIELab	73.47, -5.38, 7.29
CIELCh	73, 9.060, 126.462
Yxy	45.8871, 0.3194, 0.3505
Android (android.graphics.Color)	4289771431 (0xFFB0B7A7)
YUV	179.0830, -5.9569, -2.7038
Hunter-Lab	67.7400, -8.3647, 9.5959

Details

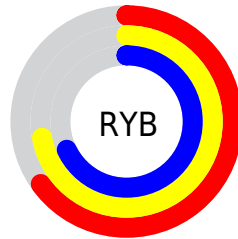
The XYZ color **41.8130, 45.8871, 43.2125** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **39.8233, 40.0563, 50.4349**, and the grayscale version is **42.9234, 45.1588, 49.1779**.

A 20% lighter version of the original color is **77.3300, 84.1627, 81.2765**, and **19.2455, 21.4140, 19.3386** is the 20% darker color. If you saturate the color by 10%, you get **38.4821, 44.3531, 34.8415**, and if you desaturate by 10%, it is **45.4928, 47.5759, 52.8515**.

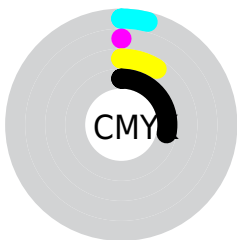
Distribution



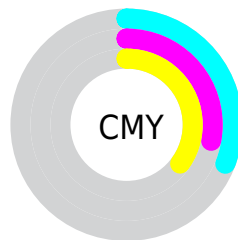
- Red (69%)
- Green (72%)
- Blue (65%)



- Red (65%)
- Yellow (72%)
- Blue (68%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (28%)



- Cyan (31%)
- Magenta (28%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8130, 45.8871, 43.2125 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 41.8130, 45.8871, 43.2125 by changing the saturation by 10% instead.

■ 41.8130, 45.8871,
43.2125

■ 41.8130, 45.8871,
43.2125

344.7120,
370.3546, 375.4318

■ 29.1454, 32.1567,
29.7192

■ 77.1835, 84.0500,
81.3212

■ 19.3356, 21.4812,
19.3753

■ 100.6170,
109.2513, 106.7738

■ 12.0185, 13.4762,
11.7623

128.3699,
139.0451, 137.0498

■ 6.8286, 7.7573,
6.4614

160.8075,
173.8158, 172.5680

■ 3.4005, 3.9400,
3.0543

198.2951,
213.9476, 213.7467

■ 1.3689, 1.6401,
1.1225

241.1982,

■ 0.2339, 0.3844,

259.8251, 261.0045

0.0000

289.8820,
311.8326, 314.7601

■ 0.0000, 0.0000,
0.0000

■ 41.8130, 45.8871,
43.2125

■ 41.8130, 45.8871,
43.2125

■ 38.4821, 44.3531,
34.8415

■ 45.4928, 47.5759,
52.8515

■ 35.4844, 42.9631,
27.6828

■ 49.5289, 49.4183,
63.8052

■ 32.8086, 41.7137,
21.6808


■ 53.9331, 51.4207,
76.1215


■ 30.4412, 40.5995,
16.7746


■ 58.7156, 53.5874,
89.8451

■ 28.3677, 39.6142,
12.8977


■ 63.3169, 55.6948,
102.0207


 26.5719, 38.7512,
9.9762


 65.7420, 56.9449,
102.1342


 25.0360, 38.0032,
7.9264

 68.2840, 58.2554,
102.2532

 23.7390, 37.3615,
6.6504

 70.9445, 59.6269,
102.3777

 22.6465, 36.8121,
5.9778

 73.7250, 61.0603,
102.5078

Harmonies

Analogous

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



43.2693, 45.8871, 41.7166



41.8130, 45.8871, 43.2125



40.8566, 45.8871, 46.5295

Triad

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



41.8130, 45.8871, 43.2125



42.3982, 45.8871, 58.4762



46.7404, 45.8871, 48.9791

Complementary

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



41.8130, 45.8871, 43.2125



39.8233, 40.0563, 50.4349

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.



46.4935, 45.8871, 53.5620



41.8130, 45.8871, 43.2125



43.9611, 45.8871, 59.2308

Square

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



41.8130, 45.8871, 43.2125



41.1886, 45.8871, 55.3795



45.4666, 45.8871, 57.3828



46.1334, 45.8871, 44.9122

Rectangle

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



41.8130, 45.8871, 43.2125



40.6178, 45.8871, 49.4219



45.4666, 45.8871, 57.3828



46.7547, 45.8871, 50.5085

Sweetspot

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



41.8143, 45.8891, 43.2135



78.5592, 83.8690, 86.9369



41.6284, 43.1053, 42.6860



17.2337, 18.4702, 18.8933



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.



41.8143, 45.8891, 43.2135



73.9996, 81.7752, 75.1247



40.0726, 44.9912, 43.1320



9.3605, 10.3025, 9.6021



15.7880, 25.6753, 4.1237



0.6263, 0.9411, 0.1486

Inverse Universe

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



39.8233, 40.0563, 50.4349



69.8946, 69.7484, 90.0147



41.6433, 40.9945, 50.5201



8.8840, 8.9066, 11.3303



8.3519, 3.6167, 31.5110



0.3657, 0.1642, 1.1142

Previews

White Background



This preview shows how the XYZ color 41.8130, 45.8871, 43.2125 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 41.8130, 45.8871, 43.2125 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

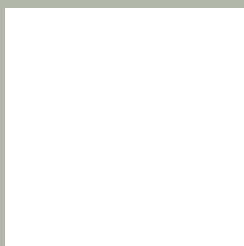
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.8130, 45.8871, 43.2125

Background



This preview shows how black text looks on a background with the XYZ color 41.8130, 45.8871, 43.2125.



This preview shows how white text looks on a background with the XYZ color 41.8130, 45.8871,

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

41.8130, 45.8871, 43.2125

Protanopia

43.6063, 45.9239, 42.1632

Deuteranopia

46.6546, 45.6932, 43.8968



Tritanopia

44.5681, 45.7938, 56.9422

Trichromacy



Original Color

41.8130, 45.8871, 43.2125

Protanomaly

42.9352, 45.8682, 42.6669

Deuteranomaly

44.7823, 45.6089, 43.4889

Tritanomaly

43.5634, 45.6869, 51.8698

Monochromacy



Original Color

41.8130, 45.8871, 43.2125

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.4192, 45.2026, 47.0467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8130, 45.8871, 43.2125 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(176, 183, 167)` looks like.

```
.text, #text, p{  
    color:rgb(176, 183, 167)  
}
```

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(176, 183, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 183, 167) }
```

Border

The CSS property to change the border of an element to XYZ 41.8130, 45.8871, 43.2125 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(176, 183, 167) }
```


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

```
.border{ border-color:rgb(176, 183, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 183, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 183, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 183, 167);  
box-shadow:4px 4px 4px 4px rgb(176, 183,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8130, 45.8871, 43.2125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 183, 167) }
```

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

```
.background{ background-color: rgb(176,  
183, 167) }
```

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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