

Converting Colors

XYZ(42.5245, 45.7587, 43.8148)

Have a look what the booklet for
XYZ(42.5245, 45.7587, 43.8148)
contains.

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Color

**XYZ(42.4141, 45.5782,
43.6078)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B5A8
RGB	180, 181, 168
RGB Percent	71%, 71%, 66%
CMY	0.2941, 0.2902, 0.3412
CMYK	0.01, 0.00, 0.07, 0.29
HSL	65°, 8%, 68%
HSV	65°, 7%, 71%
XYZ	42.4141, 45.5782, 43.6078
YIQ	179.2190, 3.5770, -4.2550

Conversions

Conversions Part 2

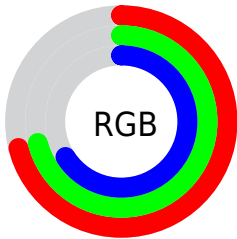
Format	Color
RYB	168, 181, 169
Decimal	11842984
CIELab	73.27, -2.70, 6.49
CIELCh	73, 7.033, 112.604
Yxy	45.5782, 0.3223, 0.3463
Android (android.graphics.Color)	4290033064 (0xFFB4B5A8)
YUV	179.2190, -5.5310, 0.6849
Hunter-Lab	67.5116, -6.0029, 8.9609

Details

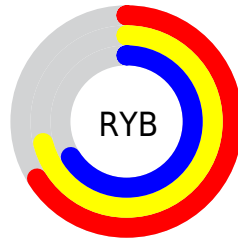
The XYZ color **42.4141, 45.5782, 43.6078** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **38.7072, 39.7778, 49.3563**, and the grayscale version is **42.9928, 45.2318, 49.2574**.

A 20% lighter version of the original color is **78.1955, 83.7290, 81.8520**, and **19.6240, 21.2113, 19.5829** is the 20% darker color. If you saturate the color by 10%, you get **40.5207, 44.7849, 35.3210**, and if you desaturate by 10%, it is **44.5481, 46.4711, 53.1330**.

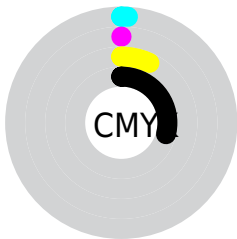
Distribution



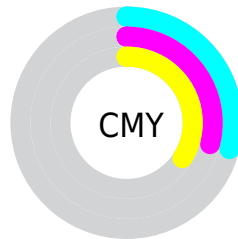
- Red (71%)
- Green (71%)
- Blue (66%)



- Red (66%)
- Yellow (71%)
- Blue (66%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (29%)



- Cyan (29%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4141, 45.5782, 43.6078 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 42.4141, 45.5782, 43.6078 by changing the saturation by 10% instead.

■ 42.4141, 45.5782,
43.6078

■ 42.4141, 45.5782,
43.6078

347.1592,
369.1103, 377.0998

■ 29.6182, 31.9131,
30.0274

■ 78.0872, 83.5874,
81.9234

■ 19.6956, 21.2951,
19.6071

101.6951,
108.7003, 107.4957

■ 12.2809, 13.3399,
11.9286

129.6378,
138.3978, 137.9023

■ 7.0089, 7.6630,
6.5731

162.2805,
173.0645, 173.5619

■ 3.5140, 3.8801,
3.1222

199.9886,
213.0847, 214.8928

■ 1.4311, 1.6067,
1.1574

243.1275,

■ 0.2782, 0.3621,

258.8428, 262.3138

0.0000

292.0626,
310.7232, 316.2433

■ 0.0000, 0.0000,
0.0000

■ 42.4141, 45.5782,
43.6078

■ 42.4141, 45.5782,
43.6078

■ 40.5207, 44.7849,
35.3210

■ 44.5481, 46.4711,
53.1330

■ 38.8544, 44.0814,
28.2190

■ 46.9280, 47.4612,
63.9416

■ 37.4062, 43.4655,
22.2484

■ 49.5637, 48.5540,
76.0797

■ 36.1650, 42.9327,
17.3507

■ 52.4633, 49.7527,
89.5906

■ 35.1186, 42.4783,
13.4621

■ 55.0653, 50.8329,
101.5172

■ 34.2537, 42.0968,
10.5122

■ 55.4089, 51.0100,
101.5333

■ 33.5551, 41.7822,
8.4214

■ 55.7557, 51.1888,
101.5495

■ 33.0053, 41.5275,
7.0971

■ 56.1060, 51.3693,
101.5659

■ 32.5788, 41.3225,
6.4053

■ 56.4595, 51.5516,
101.5825

Harmonies

Analogous

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



43.6272, 45.5782, 43.1817



42.4141, 45.5782, 43.6078



41.4608, 45.5782, 45.6090

Triad

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



42.4141, 45.5782, 43.6078



41.8941, 45.5782, 55.2301



45.7193, 45.5782, 50.5077

Complementary

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



42.4141, 45.5782, 43.6078



38.7072, 39.7778, 49.3563

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.



45.2354, 45.5782, 53.8741



42.4141, 45.5782, 43.6078



43.0157, 45.5782, 56.6835

Square

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



42.4141, 45.5782, 43.6078



41.1646, 45.5782, 52.2879



44.2402, 45.5782, 56.1759



45.5508, 45.5782, 47.0578

Rectangle

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



42.4141, 45.5782, 43.6078



41.0933, 45.5782, 47.6207



44.2402, 45.5782, 56.1759



45.6272, 45.5782, 51.6887

Sweetspot

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



42.4154, 45.5802, 43.6088



77.8737, 82.4286, 86.6011



40.2886, 40.9784, 42.8327



16.8403, 17.8195, 18.7577



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



42.4154, 45.5802, 43.6088



75.2604, 81.3353, 75.0073



40.9674, 44.8337, 43.5410



9.1310, 9.8726, 9.0769



22.4077, 28.4617, 4.3126



0.7241, 0.9053, 0.1366

Inverse Universe

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



38.7072, 39.7778, 49.3563



66.9128, 68.2731, 87.9459



40.1062, 40.4990, 49.4218



8.1007, 8.2605, 10.6738



5.8988, 2.3767, 30.2848



0.2056, 0.0851, 0.9538

Previews

White Background



This preview shows how the XYZ color 42.4141, 45.5782, 43.6078 looks on a white background.

Color Contrast Check

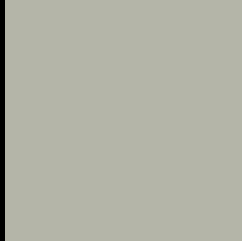
Large Text (above 18pt) WCAG AA × Fail

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 42.4141, 45.5782, 43.6078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

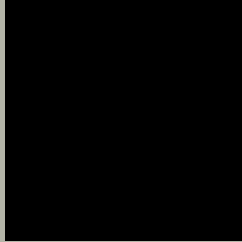
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

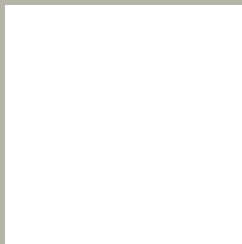
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.4141, 45.5782, 43.6078

Background



This preview shows how black text looks on a background with the XYZ color 42.4141, 45.5782, 43.6078.



This preview shows how white text looks on a background with the XYZ color 42.4141, 45.5782,

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

42.4141, 45.5782, 43.6078

Protanopia

43.3449, 45.4693, 43.0512

Deuteranopia

46.3849, 45.5542, 43.8842



Tritanopia

44.9633, 45.7138, 56.3230

Trichromacy



Original Color

42.4141, 45.5782, 43.6078

Protanomaly

43.0635, 45.6229, 43.0956

Deuteranomaly

44.8759, 45.6463, 43.9815

Tritanomaly

43.9587, 45.6042, 51.2854

Monochromacy



Original Color

42.4141, 45.5782, 43.6078

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.6495, 45.3214, 47.0575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4141, 45.5782, 43.6078 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(180, 181, 168)` looks like.

```
.text, #text, p{  
    color:rgb(180, 181, 168)  
}
```

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(180, 181, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 181, 168) }
```

Border

The CSS property to change the border of an element to XYZ 42.4141, 45.5782, 43.6078 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(180, 181, 168) }
```


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

```
.border{ border-color:rgb(180, 181, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 181, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 181, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 181, 168);  
box-shadow:4px 4px 4px 4px rgb(180, 181,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4141, 45.5782, 43.6078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 181, 168) }
```

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

```
.background{ background-color: rgb(180,  
181, 168) }
```

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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