

Converting Colors

XYZ(42.5371, 45.3320, 46.9511)

Have a look what the booklet for
XYZ(42.5371, 45.3320, 46.9511)
contains.

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Color

**XYZ(42.4192, 45.2026,
47.0467)**

Conversions

Conversions Part 1

Format	Color
Hex	B2B4AF
RGB	178, 180, 175
RGB Percent	70%, 71%, 69%
CMY	0.3020, 0.2941, 0.3137
CMYK	0.01, 0.00, 0.03, 0.29
HSL	84°, 3%, 70%
HSV	84°, 3%, 71%
XYZ	42.4192, 45.2026, 47.0467
YIQ	178.8320, 0.4130, -1.9790

Conversions

Conversions Part 2

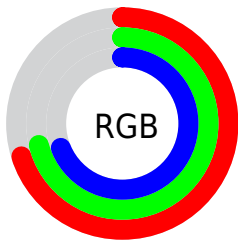
Format	Color
RYB	175, 180, 177
Decimal	11711663
CIELab	73.03, -1.63, 2.29
CIELCh	73, 2.811, 125.397
Yxy	45.2026, 0.3150, 0.3357
Android (android.graphics.Color)	4289901743 (0xFFB2B4AF)
YUV	178.8320, -1.8892, -0.7297
Hunter-Lab	67.2329, -5.0366, 5.5744

Details

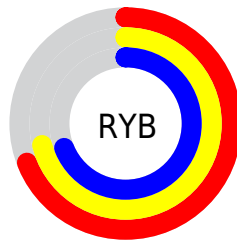
The XYZ color **42.4192, 45.2026, 47.0467** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.7014, 43.3036, 49.3428**, and the grayscale version is **42.7689, 44.9962, 49.0009**.

A 20% lighter version of the original color is **78.2101, 83.1965, 86.7993**, and **19.6220, 20.9688, 21.7521** is the 20% darker color. If you saturate the color by 10%, you get **39.1577, 43.7134, 38.2724**, and if you desaturate by 10%, it is **46.0059, 46.8348, 57.0684**.

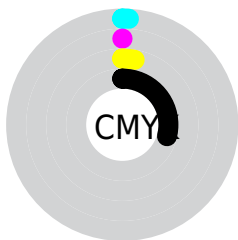
Distribution



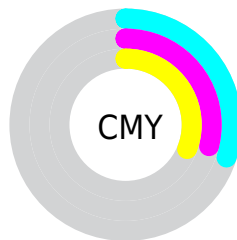
- Red (70%)
- Green (71%)
- Blue (69%)



- Red (69%)
- Yellow (71%)
- Blue (69%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



- Cyan (30%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4192, 45.2026, 47.0467 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 42.4192, 45.2026, 47.0467 by changing the saturation by 10% instead.

■ 42.4192, 45.2026,
47.0467

■ 42.4192, 45.2026,
47.0467

347.1799,
367.5935, 391.4001

■ 29.6222, 31.6170,
32.7180

■ 78.0949, 83.0244,
87.1340

■ 19.6987, 21.0692,
21.6411

101.7043,
108.0293, 113.7297

■ 12.2832, 13.1746,
13.3977

129.6485,
137.6096, 145.2515

■ 7.0104, 7.5489,
7.5690

162.2929,
172.1495, 182.1178

■ 3.5150, 3.8077,
3.7366

200.0030,
212.0334, 224.7473

■ 1.4316, 1.5666,
1.4820

243.1439,

■ 0.2786, 0.3349,

257.6458, 273.5585

0.2045

292.0811,
309.3710, 328.9699

■ 0.0000, 0.0000,
0.0000

■ 42.4192, 45.2026,
47.0467

■ 42.4192, 45.2026,
47.0467

■ 39.1577, 43.7134,
38.2724

■ 46.0059, 46.8348,
57.0684

■ 36.2070, 42.3569,
30.6937

■ 49.9239, 48.6083,
68.3805

■ 33.5571, 41.1305,
24.2595

■ 54.1842, 50.5291,
81.0279

■ 31.1961, 40.0292,
18.9141

■ 58.7959, 52.6008,
95.0523

■ 29.1110, 39.0477,
14.5968

■ 62.1147, 54.1661,
101.7890

■ 27.2879, 38.1803,
11.2413

■ 64.2656, 55.2749,
101.8897

■ 25.7110, 37.4203,
8.7733

■ 66.5107, 56.4323,
101.9948

■ 24.3627, 36.7608,
7.1077

■ 68.8513, 57.6389,
102.1043

■ 23.2222, 36.1930,
6.1427

■ 71.2884, 58.8953,
102.2184

Harmonies

Analogous

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



42.8750, 45.2026, 46.5750



42.4192, 45.2026, 47.0467



42.1111, 45.2026, 48.1008

Triad

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



42.4192, 45.2026, 47.0467



42.5719, 45.2026, 51.7174



43.9105, 45.2026, 48.9641

Complementary

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



42.4192, 45.2026, 47.0467



41.7014, 43.3036, 49.3428

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.



43.8278, 45.2026, 50.3522



42.4192, 45.2026, 47.0467



43.0526, 45.2026, 51.9591

Square

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



42.4192, 45.2026, 47.0467



42.1987, 45.2026, 50.8007



43.5129, 45.2026, 51.4550



43.7379, 45.2026, 47.6684

Rectangle

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



42.4192, 45.2026, 47.0467



42.0295, 45.2026, 49.0013



43.5129, 45.2026, 51.4550



43.9116, 45.2026, 49.4353

Sweetspot

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



42.4205, 45.2045, 47.0477



78.0159, 82.4636, 88.3384



42.2840, 44.2443, 46.8695



16.8694, 17.8267, 19.1135



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.



42.4205, 45.2045, 47.0477



76.7448, 81.8843, 84.8408



41.8521, 44.9116, 47.0211



9.2676, 9.9191, 10.1628



15.7789, 25.0444, 4.0024



0.5602, 0.8208, 0.1289

Inverse Universe

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



41.7014, 43.3036, 49.3428



75.3159, 78.1071, 89.4012



42.2760, 43.5998, 49.3697



9.0567, 9.3616, 10.8360



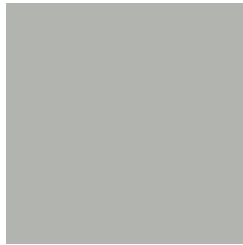
7.6903, 3.3003, 30.3687



0.3087, 0.1383, 0.9587

Previews

White Background



This preview shows how the XYZ color 42.4192, 45.2026, 47.0467 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 42.4192, 45.2026, 47.0467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

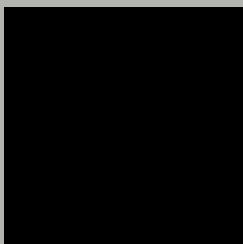
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

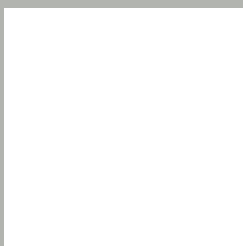
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.4192, 45.2026, 47.0467

Background



This preview shows how black text looks on a background with the XYZ color 42.4192, 45.2026, 47.0467.



This preview shows how white text looks on a background with the XYZ color 42.4192, 45.2026,

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

42.4192, 45.2026, 47.0467

Protanopia

43.0888, 44.9641, 46.4523

Deuteranopia

45.8060, 44.8920, 47.3251



Tritanopia

44.2926, 45.0738, 56.2348

Trichromacy



Original Color

42.4192, 45.2026, 47.0467

Protanomaly

42.8161, 45.1199, 46.4968

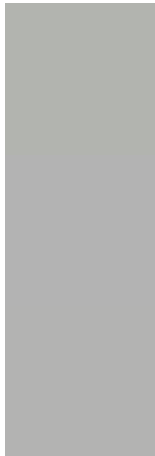
Deuteranomaly

44.5970, 45.1324, 47.4352

Tritanomaly

43.6057, 45.0893, 52.8592

Monochromacy



Original Color

42.4192, 45.2026, 47.0467

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.7464, 45.0383, 48.5598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4192, 45.2026, 47.0467 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(178, 180, 175)` looks like.

```
.text, #text, p{  
    color:rgb(178, 180, 175)  
}
```

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(178, 180, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 180, 175) }
```

Border

The CSS property to change the border of an element to XYZ 42.4192, 45.2026, 47.0467 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(178, 180, 175) }
```


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

```
.border{ border-color:rgb(178, 180, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 180, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 180, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 180, 175);  
box-shadow:4px 4px 4px 4px rgb(178, 180,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4192, 45.2026, 47.0467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 180, 175) }
```

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

```
.background{ background-color: rgb(178,  
180, 175) }
```

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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