

Converting Colors

XYZ(44.2071, 48.0850, 45.3582)

Have a look what the booklet for
XYZ(44.2071, 48.0850, 45.3582)
contains.

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Color

**XYZ(44.2010, 48.0032,
45.4640)**

Conversions

Conversions Part 1

Format	Color
Hex	B6BAAB
RGB	182, 186, 171
RGB Percent	71%, 73%, 67%
CMY	0.2863, 0.2706, 0.3294
CMYK	0.02, 0.00, 0.08, 0.27
HSL	76°, 10%, 70%
HSV	76°, 8%, 73%
XYZ	44.2010, 48.0032, 45.4640
YIQ	183.0940, 2.4310, -5.5130

Conversions

Conversions Part 2

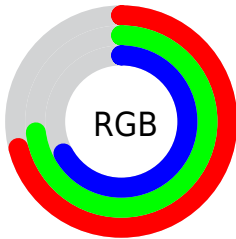
Format	Color
RYB	171, 186, 175
Decimal	11975339
CIELab	74.83, -4.12, 7.11
CIELCh	75, 8.219, 120.068
Yxy	48.0032, 0.3211, 0.3487
Android (android.graphics.Color)	4290165419 (0xFFB6BAAB)
YUV	183.0940, -5.9623, -0.9594
Hunter-Lab	69.2843, -7.3708, 9.5933

Details

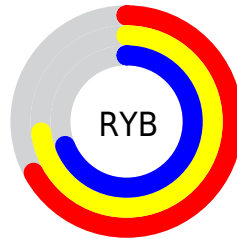
The XYZ color **44.2010, 48.0032, 45.4640** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.1070, 41.7863, 52.3559**, and the grayscale version is **45.0932, 47.4415, 51.6638**.

A 20% lighter version of the original color is **80.7395, 87.1724, 84.5220**, and **20.7706, 22.7741, 20.7539** is the 20% darker color. If you saturate the color by 10%, you get **41.4002, 46.7514, 36.7201**, and if you desaturate by 10%, it is **47.2955, 49.3804, 55.5260**.

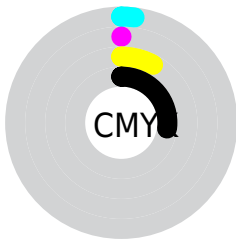
Distribution



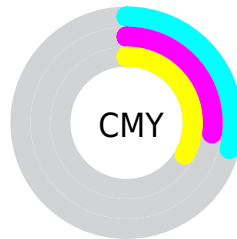
- Red (71%)
- Green (73%)
- Blue (67%)



- Red (67%)
- Yellow (73%)
- Blue (69%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (27%)



- Cyan (29%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2010, 48.0032, 45.4640 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 44.2010, 48.0032, 45.4640 by changing the saturation by 10% instead.

■ 44.2010, 48.0032,
45.4640

■ 44.2010, 48.0032,
45.4640

354.3663,
378.8048, 384.8643

■ 31.0271, 33.8294,
31.4775

■ 80.7646, 87.2092,
84.7421

■ 20.7714, 22.7626,
20.7012

104.8850,
113.0101, 110.8707

■ 13.0685, 14.4183,
12.7166

133.3851,
143.4557, 141.8837

■ 7.5531, 8.4122,
7.1053

166.6300,
178.9301, 178.1997

■ 3.8597, 4.3598,
3.4486

204.9853,
219.8178, 220.2373

■ 1.6231, 1.8768,
1.3280

248.8161,

■ 0.4074, 0.5344,

266.5032, 268.4148

0.0846

298.4880,
319.3708, 323.1510

■ 0.0000, 0.0000,
0.0000

■ 44.2010, 48.0032,
45.4640

■ 44.2010, 48.0032,
45.4640

■ 41.4002, 46.7514,
36.7201

■ 47.2955, 49.3804,
55.5260

■ 38.8784, 45.6144,
29.2367

■ 50.6900, 50.8809,
66.9545

■ 36.6255, 44.5896,
22.9564

■ 54.3955, 52.5107,
79.7991

■ 34.6289, 43.6721,
17.8160

■ 58.4211, 54.2734,
94.1061

■ 32.8752, 42.8563,
13.7469

■ 61.2916, 55.5792,
102.1052

■ 31.3495, 42.1362,
10.6729

■ 62.6988, 56.3046,
102.1710

■ 30.0350, 41.5051,
8.5077

■ 64.1499, 57.0527,
102.2389

■ 28.9120, 40.9550,
7.1504

■ 65.6455, 57.8237,
102.3089

■ 27.9499, 40.4737,
6.4424

■ 67.1858, 58.6177,
102.3810

Harmonies

Analogous

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



45.6222, 48.0032, 44.4623



44.2010, 48.0032, 45.4640



43.1804, 48.0032, 48.2677

Triad

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



44.2010, 48.0032, 45.4640



44.2068, 48.0032, 59.7283



48.5598, 48.0032, 52.2575

Complementary

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



44.2010, 48.0032, 45.4640



41.1070, 41.7863, 52.3559

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.



48.1614, 48.0032, 56.4820



44.2010, 48.0032, 45.4640



45.6290, 48.0032, 60.9361

Square

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



44.2010, 48.0032, 45.4640



43.1837, 48.0032, 56.4999



47.0805, 48.0032, 59.7176



48.1578, 48.0032, 48.2516

Rectangle

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



44.2010, 48.0032, 45.4640



42.8533, 48.0032, 50.8608



47.0805, 48.0032, 59.7176



48.5149, 48.0032, 53.6996

Sweetspot

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



44.2023, 48.0053, 45.4650



83.4329, 88.4845, 93.1132



42.9321, 44.0409, 44.7668



18.3862, 19.4915, 20.5472



90.7827, 95.5105, 104.0109



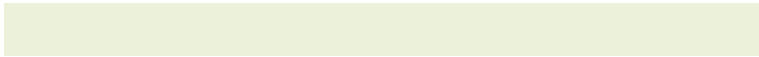
18.6292, 19.5994, 21.3438

Same Dimension

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



44.2023, 48.0053, 45.4650



79.0056, 86.5126, 78.8814



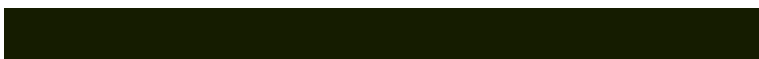
42.4784, 47.1166, 45.3844



9.5101, 10.3796, 9.6091



18.7577, 27.2063, 4.2627



0.7166, 0.9876, 0.1529

Inverse Universe

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



41.1070, 41.7863, 52.3559



72.0349, 72.5073, 94.4001



42.8372, 42.6783, 52.4369



8.7399, 8.8323, 11.3236



6.8976, 2.8671, 31.4429



0.3039, 0.1324, 1.1113

Previews

White Background



This preview shows how the XYZ color 44.2010, 48.0032, 45.4640 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 44.2010, 48.0032, 45.4640 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 44.2010, 48.0032, 45.4640

Background



This preview shows how black text looks on a background with the XYZ color 44.2010, 48.0032, 45.4640.



This preview shows how white text looks on a background with the XYZ color 44.2010, 48.0032,

45.4640.

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

44.2010, 48.0032, 45.4640

Protanopia

45.6750, 47.8456, 44.8580

Deuteranopia

48.9168, 47.9797, 46.2180



Tritanopia

47.0557, 47.9262, 59.5939

Trichromacy



Original Color

44.2010, 48.0032, 45.4640

Protanomaly

45.1352, 47.8746, 44.8921

Deuteranomaly

46.9962, 47.8966, 45.7977

Tritanomaly

46.0182, 47.8121, 54.3802

Monochromacy



Original Color

44.2010, 48.0032, 45.4640

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.8056, 47.6029, 49.4746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2010, 48.0032, 45.4640 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(182, 186, 171)` looks like.

```
.text, #text, p{  
    color:rgb(182, 186, 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(182, 186, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 186, 171) }
```

Border

The CSS property to change the border of an element to XYZ 44.2010, 48.0032, 45.4640 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(182, 186, 171) }
```


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

```
.border{ border-color:rgb(182, 186, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 186, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 186, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 186, 171);  
box-shadow:4px 4px 4px 4px rgb(182, 186,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2010, 48.0032, 45.4640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 186, 171) }
```

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

```
.background{ background-color: rgb(182,  
186, 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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