

Converting Colors

XYZ(41.6739, 45.7699, 48.9291)

Have a look what the booklet for
XYZ(41.6739, 45.7699, 48.9291)
contains.

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Color

**XYZ(41.5469, 45.6274,
48.7367)**

Conversions

Conversions Part 1

Format	Color
Hex	AAB7B2
RGB	170, 183, 178
RGB Percent	67%, 72%, 70%
CMY	0.3333, 0.2823, 0.3020
CMYK	0.07, 0.00, 0.03, 0.28
HSL	157°, 8%, 69%
HSV	157°, 7%, 72%
XYZ	41.5469, 45.6274, 48.7367
YIQ	178.5430, -6.1430, -4.3110

Conversions

Conversions Part 2

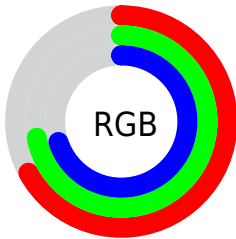
Format	Color
RYB	170, 178, 183
Decimal	11188146
CIELab	73.30, -5.46, 0.98
CIELCh	73, 5.551, 169.819
Yxy	45.6274, 0.3057, 0.3357
Android (android.graphics.Color)	4289378226 (0xFFAAB7B2)
YUV	178.5430, -0.2677, -7.4922
Hunter-Lab	67.5481, -8.4188, 4.5052

Details

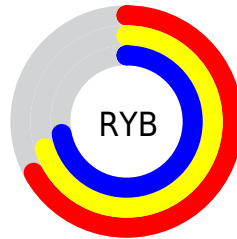
The XYZ color **41.5469, 45.6274, 48.7367** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.6427, 41.9130, 46.4547**, and the grayscale version is **42.6095, 44.8285, 48.8182**.

A 20% lighter version of the original color is **76.7691, 83.6811, 89.9478**, and **19.1555, 21.2975, 22.5033** is the 20% darker color. If you saturate the color by 10%, you get **37.1742, 43.4541, 44.9364**, and if you desaturate by 10%, it is **46.5092, 48.1030, 52.7559**.

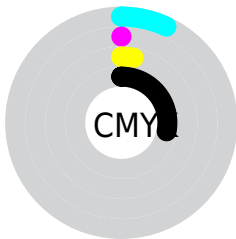
Distribution



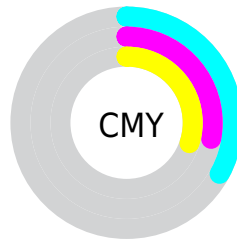
- Red (67%)
- Green (72%)
- Blue (70%)



- Red (67%)
- Yellow (70%)
- Blue (72%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (28%)



- Cyan (33%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5469, 45.6274, 48.7367 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 41.5469, 45.6274, 48.7367 by changing the saturation by 10% instead.

■ 41.5469, 45.6274,
48.7367

■ 41.5469, 45.6274,
48.7367

343.6249,
369.3086, 398.2975

■ 28.9362, 31.9519,
34.0465

■ 76.7829, 83.6611,
89.6772

■ 19.1766, 21.3248,
22.6517

100.1389,
108.7881, 116.7646

■ 11.9027, 13.3616,
14.1337

127.8074,
138.5010, 148.8215

■ 6.7492, 7.6780,
8.0739

160.1538,
173.1843, 186.2665

■ 3.3507, 3.8896,
4.0538

197.5434,
213.2223, 229.5180

■ 1.3418, 1.6120,
1.6549

240.3415,

■ 0.2142, 0.3657,

258.9994, 278.9947

0.3296

288.9136,
310.9001, 335.1150

■ 0.0000, 0.0000,
0.0000

■ 41.5469, 45.6274,
48.7367

■ 41.5469, 45.6274,
48.7367

■ 37.1742, 43.4541,
44.9364

■ 46.5092, 48.1030,
52.7559

■ 33.3641, 41.5654,
41.3481

■ 52.0791, 50.8864,
56.9949

■ 30.0931, 39.9505,
37.9689

■ 58.2786, 53.9899,
61.4582

■ 27.3347, 38.5959,
34.7945

■ 65.1273, 57.4238,
66.1494

■ 25.0598, 37.4866,
31.8205

■ 70.2109, 59.9434,
70.9582

■ 23.2364, 36.6062,
29.0423

■ 71.1255, 60.3092,
75.7745

■ 21.8285, 35.9362,
26.4552

■ 72.0794, 60.6908,
80.7978

■ 20.7942, 35.4551,
24.0538

■ 73.0731, 61.0883,
86.0305

■ 20.0740, 35.1323,
21.8319

■ 74.1071, 61.5018,
91.4751

Harmonies

Analogous

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



41.9498, 45.6274, 46.2936



41.5469, 45.6274, 48.7367



41.6262, 45.6274, 51.5246

Triad

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



41.5469, 45.6274, 48.7367



44.0067, 45.6274, 54.9089



44.5893, 45.6274, 45.6873

Complementary

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



41.5469, 45.6274, 48.7367



41.6427, 41.9130, 46.4547

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.



45.1566, 45.6274, 47.8809



41.5469, 45.6274, 48.7367



44.8168, 45.6274, 53.2287

Square

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



41.5469, 45.6274, 48.7367



43.0367, 45.6274, 55.1591



45.2405, 45.6274, 50.6364



43.7000, 45.6274, 44.5772

Rectangle

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



41.5469, 45.6274, 48.7367



41.9423, 45.6274, 53.2014



45.2405, 45.6274, 50.6364



44.8246, 45.6274, 46.3185

Sweetspot

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



41.5482, 45.6293, 48.7377



78.7811, 83.8962, 90.8852



41.9148, 45.9085, 44.6828



17.4210, 18.5404, 20.0905



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.



41.5482, 45.6293, 48.7377



72.7236, 80.8784, 85.8616



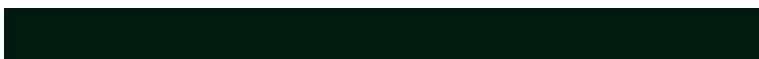
41.7929, 45.3000, 51.3432



9.1163, 10.1505, 10.7696



13.9107, 24.4652, 14.9837



0.5196, 0.8742, 0.6823

Inverse Universe

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



41.6427, 41.9130, 46.4547



72.9385, 72.4258, 80.6694



41.4052, 42.2099, 43.9958



9.1438, 9.0679, 10.1046



14.4350, 7.3477, 4.9113



0.5395, 0.2713, 0.3343

Previews

White Background



This preview shows how the XYZ color 41.5469, 45.6274, 48.7367 looks on a white background.

Color Contrast Check

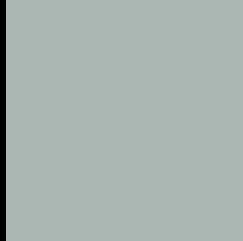
Large Text (above 18pt) WCAG AA × Fail

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 41.5469, 45.6274, 48.7367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

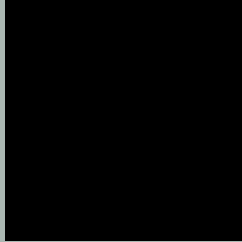
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

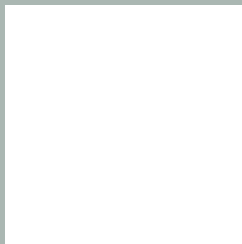
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.5469, 45.6274, 48.7367

Background



This preview shows how black text looks on a background with the XYZ color 41.5469, 45.6274, 48.7367.



This preview shows how white text looks on a background with the XYZ color 41.5469, 45.6274,

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

41.5469, 45.6274, 48.7367

Protanopia

43.7237, 45.5651, 47.5648

Deuteranopia

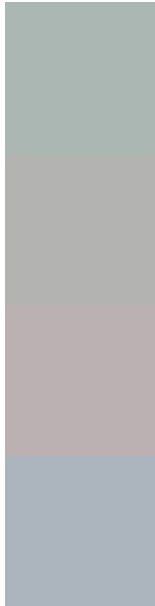
46.4002, 45.4377, 49.5048



Tritanopia

43.4052, 45.4669, 58.1180

Trichromacy



Original Color

41.5469, 45.6274, 48.7367

Protanomaly

42.8475, 45.4005, 48.0999

Deuteranomaly

44.3523, 45.2637, 49.0470

Tritanomaly

42.7224, 45.4925, 54.6733

Monochromacy



Original Color

41.5469, 45.6274, 48.7367

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.3624, 45.1273, 49.1255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5469, 45.6274, 48.7367 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(170, 183, 178)` looks like.

```
.text, #text, p{  
    color:rgb(170, 183, 178)  
}
```

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(170, 183, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 183, 178) }
```

Border

The CSS property to change the border of an element to XYZ 41.5469, 45.6274, 48.7367 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(170, 183, 178) }
```


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

```
.border{ border-color:rgb(170, 183, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 183, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 183, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 183, 178);  
box-shadow:4px 4px 4px 4px rgb(170, 183,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5469, 45.6274, 48.7367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 183, 178) }
```

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

```
.background{ background-color: rgb(170,  
183, 178) }
```

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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