

Converting Colors

XYZ(44.0189, 46.9755, 51.8750)

Have a look what the booklet for
XYZ(44.0189, 46.9755, 51.8750)
contains.

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Color

**XYZ(43.9453, 46.7926,
52.0631)**

Conversions

Conversions Part 1

Format	Color
Hex	B2B7B8
RGB	178, 183, 184
RGB Percent	70%, 72%, 72%
CMY	0.3020, 0.2823, 0.2784
CMYK	0.03, 0.01, 0.00, 0.28
HSL	190°, 4%, 71%
HSV	190°, 3%, 72%
XYZ	43.9453, 46.7926, 52.0631
YIQ	181.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

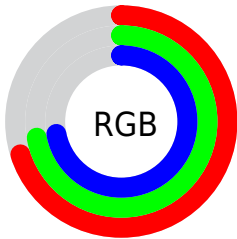
Format	Color
R_{YB}	178, 181, 184
Decimal	11712440
CIE Lab	74.06, -1.55, -1.12
CIE LCh	74, 1.912, 215.985
Yxy	46.7926, 0.3077, 0.3277
Android (android.graphics.Color)	4289902520 (0xFFB2B7B8)
YUV	181.6190, 1.1738, -3.1739
Hunter-Lab	68.4051, -5.0357, 2.7580

Details

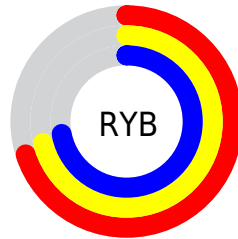
The XYZ color **43.9453, 46.7926, 52.0631** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.9233, 45.6445, 48.6155**, and the grayscale version is **44.2525, 46.5571, 50.7006**.

A 20% lighter version of the original color is **80.5264, 85.5167, 94.7003**, and **20.5368, 21.9639, 24.6298** is the 20% darker color. If you saturate the color by 10%, you get **39.3799, 43.5142, 51.6716**, and if you desaturate by 10%, it is **49.0934, 50.3944, 52.4877**.

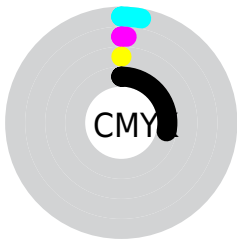
Distribution



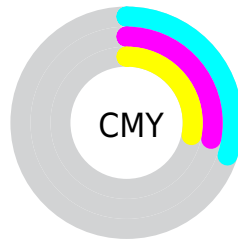
- Red (70%)
- Green (72%)
- Blue (72%)



- Red (70%)
- Yellow (71%)
- Blue (72%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (28%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9453, 46.7926, 52.0631 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 43.9453, 46.7926, 52.0631 by changing the saturation by 10% instead.

■ 43.9453, 46.7926,
52.0631

■ 43.9453, 46.7926,
52.0631

353.3410,
373.9861, 411.6440

■ 30.8252, 32.8717,
36.6728

■ 80.3823, 85.4040,
94.6518

■ 20.6170, 22.0282,
24.6604

104.4299,
110.8632, 122.6873

■ 12.9552, 13.8776,
15.6075

132.8508,
140.9374, 155.7749

■ 7.4745, 8.0356,
9.0955

166.0102,
176.0109, 194.3332

■ 3.8095, 4.1177,
4.7059

204.2736,
216.4682, 238.7808

■ 1.5949, 1.7396,
2.0200

248.0063,

■ 0.3891, 0.4491,

262.6935, 289.5360

0.5676

297.5736,
315.0713, 347.0176

■ 0.0000, 0.0000,
0.0000

■ 43.9453, 46.7926,
52.0631

■ 43.9453, 46.7926,
52.0631

■ 39.3799, 43.5142,
51.6716

■ 49.0934, 50.3944,
52.4877

■ 35.3708, 40.5414,
51.3091

■ 54.8413, 54.3245,
52.9433

■ 31.8952, 37.8639,
50.9755

■ 61.2107, 58.5956,
53.4320

■ 28.9275, 35.4681,
50.6695

■ 68.2206, 63.2177,
53.9547

■ 26.4398, 33.3395,
50.3897

■ 70.1530, 65.2430,
54.2438

■ 24.4015, 31.4623,
50.1348

■ 70.8604, 66.6578,
54.4796

■ 22.7781, 29.8186,
49.9031

■ 71.5820, 68.1009,
54.7201

■ 21.5305, 28.3881,
49.6928

■ 72.3178, 69.5727,
54.9654

■ 20.6113, 27.1461,
49.5015

■ 73.0680, 71.0731,
55.2155

Harmonies

Analogous

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



43.8246, 46.7926, 51.1457



43.9453, 46.7926, 52.0631



44.2080, 46.7926, 52.6878

Triad

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



43.9453, 46.7926, 52.0631



45.0780, 46.7926, 51.7190



44.4065, 46.7926, 49.1001

Complementary

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



43.9453, 46.7926, 52.0631



43.9233, 45.6445, 48.6155

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.



44.7430, 46.7926, 49.2492



43.9453, 46.7926, 52.0631



45.1318, 46.7926, 50.7532

Square

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



43.9453, 46.7926, 52.0631



44.8622, 46.7926, 52.4874



45.0089, 46.7926, 49.8513



44.0899, 46.7926, 49.4413

Rectangle

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



43.9453, 46.7926, 52.0631



44.4290, 46.7926, 52.8499



45.0089, 46.7926, 49.8513



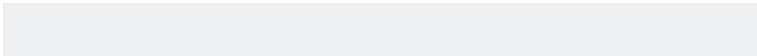
44.5210, 46.7926, 49.0946

Sweetspot

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



43.9466, 46.7946, 52.0641



81.6648, 86.2400, 94.5464



43.6279, 46.9973, 49.3675



17.6156, 18.5989, 20.3831



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.



43.9466, 46.7946, 52.0641



78.9583, 84.3262, 94.3196



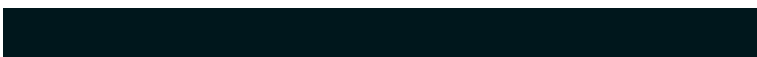
43.3540, 45.6093, 51.8666



9.6174, 10.2941, 11.5595



13.9056, 18.2708, 34.0468



0.5244, 0.7124, 1.2116

Inverse Universe

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



44.2358, 45.4509, 51.2435



79.6097, 81.3081, 92.4693



44.5112, 46.8204, 48.8115



9.7088, 9.8714, 11.2996



17.6326, 8.6268, 21.7496



0.6388, 0.3110, 0.8575

Previews

White Background



This preview shows how the XYZ color 43.9453, 46.7926, 52.0631 looks on a white background.

Color Contrast Check

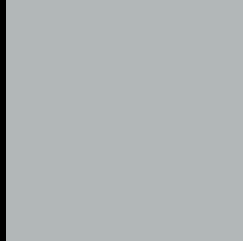
Large Text (above 18pt) WCAG AA × Fail

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 43.9453, 46.7926, 52.0631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

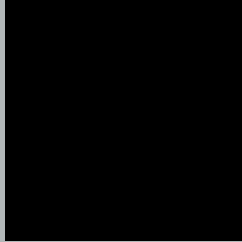
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9453, 46.7926, 52.0631

Background



This preview shows how black text looks on a background with the XYZ color 43.9453, 46.7926, 52.0631.

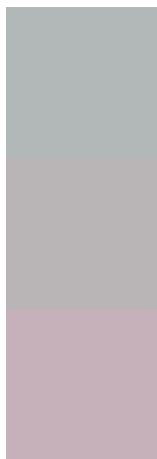


This preview shows how white text looks on a background with the XYZ color 43.9453, 46.7926,

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

43.9453, 46.7926, 52.0631

Protanopia

45.0787, 46.7809, 51.4535

Deuteranopia

47.5710, 46.5592, 52.3785



Tritanopia

45.3101, 46.7366, 58.8575

Trichromacy



Original Color

43.9453, 46.7926, 52.0631

Protanomaly

44.5666, 46.8199, 51.4880

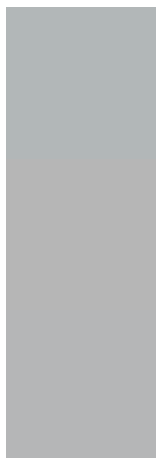
Deuteranomaly

46.3629, 46.8193, 52.4924

Tritanomaly

44.8328, 46.8454, 56.5483

Monochromacy



Original Color

43.9453, 46.7926, 52.0631

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.3312, 46.6986, 51.4770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9453, 46.7926, 52.0631 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, 183, 184) looks like.

```
.text, #text, p{  
    color:rgb(178, 183, 184)  
}
```

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, 183, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 183, 184) }
```

Border

The CSS property to change the border of an element to XYZ 43.9453, 46.7926, 52.0631 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, 183, 184) }
```


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

```
.border{ border-color:rgb(178, 183, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 183, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 183, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 183, 184);  
box-shadow:4px 4px 4px 4px rgb(178, 183,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9453, 46.7926, 52.0631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 183, 184) }
```

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

```
.background{ background-color: rgb(178,  
183, 184) }
```

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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