

Converting Colors

XYZ(43.8662, 45.4944, 51.5784)

Have a look what the booklet for
XYZ(43.8662, 45.4944, 51.5784)
contains.

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Color

**XYZ(44.0632, 45.6460,
51.8356)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B3B8
RGB	182, 179, 184
RGB Percent	71%, 70%, 72%
CMY	0.2863, 0.2980, 0.2784
CMYK	0.01, 0.03, 0.00, 0.28
HSL	276°, 3%, 71%
HSV	276°, 3%, 72%
XYZ	44.0632, 45.6460, 51.8356
YIQ	180.4670, 0.1830, 2.1910

Conversions

Conversions Part 2

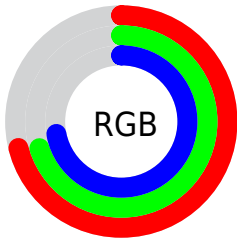
Format	Color
RYB	182, 179, 184
Decimal	11973560
CIELab	73.32, 2.00, -2.17
CIELCh	73, 2.951, 312.544
Yxy	45.6460, 0.3113, 0.3225
Android (android.graphics.Color)	4290163640 (0xFFB6B3B8)
YUV	180.4670, 1.7418, 1.3444
Hunter-Lab	67.5618, -1.8171, 1.8041

Details

The XYZ color **44.0632, 45.6460, 51.8356** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.3351, 47.3607, 49.4550**, and the grayscale version is **43.6254, 45.8973, 49.9822**.

A 20% lighter version of the original color is **80.6964, 83.8851, 94.3764**, and **20.6108, 21.2275, 24.4837** is the 20% darker color. If you saturate the color by 10%, you get **38.9251, 37.8842, 50.6089**, and if you desaturate by 10%, it is **49.7875, 54.4431, 53.2326**.

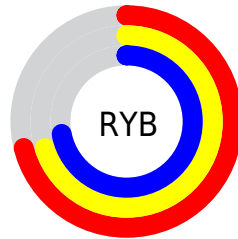
Distribution



Red (71%)

Green (70%)

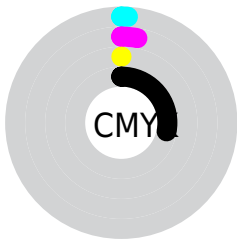
Blue (72%)



Red (71%)

Yellow (70%)

Blue (72%)

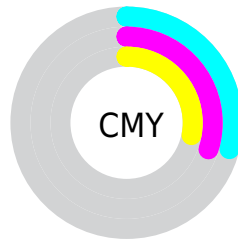


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (28%)



Cyan (29%)

Magenta (30%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.0632, 45.6460, 51.8356 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 44.0632, 45.6460, 51.8356 by changing the saturation by 10% instead.

■ 44.0632, 45.6460,
51.8356

■ 44.0632, 45.6460,
51.8356

353.8140,
369.3836, 410.7405

■ 30.9183, 31.9666,
36.4927

■ 80.5586, 83.6890,
94.3129

■ 20.6882, 21.3360,
24.5223

104.6398,
108.8213, 122.2843

■ 13.0074, 13.3698,
15.5057

133.0972,
138.5400, 155.3023

■ 7.5107, 7.6837,
9.0245

166.2961,
173.2295, 193.7855

■ 3.8326, 3.8932,
4.6601

204.6019,
213.2743, 238.1524

■ 1.6079, 1.6140,
1.9940

248.3799,

■ 0.3975, 0.3670,

259.0586, 288.8215

0.5516

297.9955,
310.9669, 346.2113

■ 0.0000, 0.0000,
0.0000

■ 44.0632, 45.6460,
51.8356

■ 44.0632, 45.6460,
51.8356

■ 38.9251, 37.8842,
50.6089

■ 49.7875, 54.4431,
53.2326

■ 34.3486, 31.1124,
49.5430

■ 56.1138, 64.3068,
54.8030

■ 30.3129, 25.2906,
48.6320

■ 63.0620, 75.2744,
56.5538

■ 26.7944, 20.3738,
47.8684

■ 70.6499, 87.3798,
58.4905

■ 23.7677, 16.3131,
47.2442

■ 73.5743, 90.0145,
58.8449

■ 21.2048, 13.0551,
46.7504

■ 75.8375, 91.1813,
58.9508

■ 19.0747, 10.5401,
46.3772

■ 78.2000, 92.3992,
59.0614

■ 17.3420, 8.6996,
46.1133

■ 80.6630, 93.6689,
59.1766

■ 15.9647, 7.4520,
45.9451

■ 83.2277, 94.9910,
59.2966

Harmonies

Analogous

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



43.6022, 45.6460, 52.5421



44.0632, 45.6460, 51.8356



44.3438, 45.6460, 50.5627

Triad

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



44.0632, 45.6460, 51.8356



43.6851, 45.6460, 47.0247



42.4186, 45.6460, 50.3238

Complementary

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



44.0632, 45.6460, 51.8356



44.3351, 47.3607, 49.4550

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.



42.4404, 45.6460, 48.8486



44.0632, 45.6460, 51.8356



43.1688, 45.6460, 46.9637

Square

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



44.0632, 45.6460, 51.8356



44.1243, 45.6460, 47.7938



42.7141, 45.6460, 47.6253



42.6543, 45.6460, 51.6577

Rectangle

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



44.0632, 45.6460, 51.8356



44.3894, 45.6460, 49.5740



42.7141, 45.6460, 47.6253



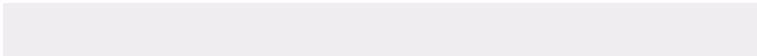
42.3961, 45.6460, 49.8276

Sweetspot

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



44.0645, 45.6480, 51.8366



81.5647, 85.3230, 94.3747



43.7848, 46.1279, 51.9440



17.5952, 18.4115, 20.3480



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.



44.0645, 45.6480, 51.8366



79.5492, 82.2474, 93.8873



44.4967, 45.8758, 51.6293



9.6719, 9.9599, 11.4921



10.5053, 4.7269, 31.6118



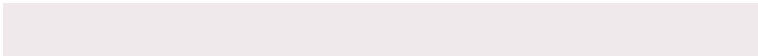
0.4382, 0.2016, 1.1176

Inverse Universe

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



44.2295, 45.7689, 50.2218



79.8850, 82.4936, 90.6037



43.9115, 47.1375, 49.6554



9.7223, 9.9969, 11.0005



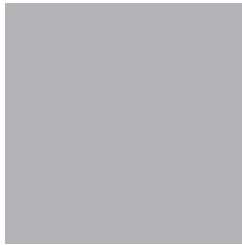
14.5003, 7.3739, 5.2554



0.5420, 0.2723, 0.3476

Previews

White Background



This preview shows how the XYZ color 44.0632, 45.6460, 51.8356 looks on a white background.

Color Contrast Check

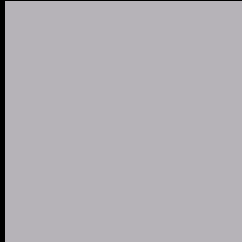
Large Text (above 18pt) WCAG AA × Fail

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 44.0632, 45.6460, 51.8356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

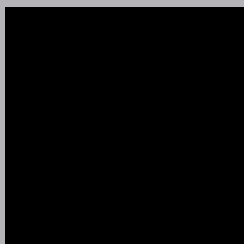
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.0632, 45.6460, 51.8356

Background



This preview shows how black text looks on a background with the XYZ color 44.0632, 45.6460, 51.8356.

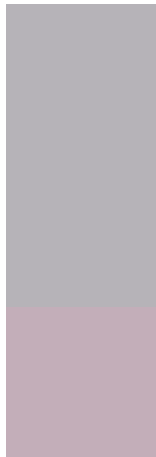


This preview shows how white text looks on a background with the XYZ color 44.0632, 45.6460,

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

44.0632, 45.6460, 51.8356

Protanopia

44.0632, 45.6460, 51.8356

Deuteranopia

46.3987, 45.3770, 52.2121



Tritanopia

44.9633, 45.7138, 56.3230

Trichromacy



Original Color

44.0632, 45.6460, 51.8356

Protanomaly

44.0632, 45.6460, 51.8356

Deuteranomaly

45.5175, 45.5006, 52.2824

Tritanomaly

44.6341, 45.5822, 54.5899

Monochromacy



Original Color

44.0632, 45.6460, 51.8356

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.7178, 45.8025, 50.2526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0632, 45.6460, 51.8356 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, 179, 184)` looks like.

```
.text, #text, p{  
    color:rgb(182, 179, 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(182, 179, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 179, 184) }
```

Border

The CSS property to change the border of an element to XYZ 44.0632, 45.6460, 51.8356 is called "border". The border property can be set on classes, ids or directly on the HTML element.

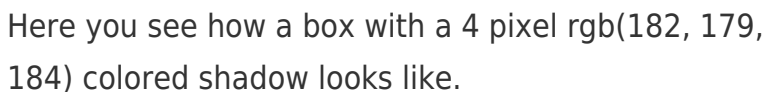
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 179, 184) }
```


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

```
.border{ border-color:rgb(182, 179, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 179, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 179, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 179, 184); box-shadow:4px 4px 4px 4px rgb(182, 179, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0632, 45.6460, 51.8356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 179, 184) }
```

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

```
.background{ background-color: rgb(182,  
179, 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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