

Converting Colors

XYZ(40.2787, 44.0196, 58.5987)

Have a look what the booklet for
XYZ(40.2787, 44.0196, 58.5987)
contains.

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Color

**XYZ(40.3923, 44.2014,
58.6274)**

Conversions

Conversions Part 1

Format	Color
Hex	9DB5C4
RGB	157, 181, 196
RGB Percent	62%, 71%, 77%
CMY	0.3843, 0.2902, 0.2314
CMYK	0.20, 0.08, 0.00, 0.23
HSL	203°, 25%, 69%
HSV	203°, 20%, 77%
XYZ	40.3923, 44.2014, 58.6274
YIQ	175.5340, -19.1190, -0.4230

Conversions

Conversions Part 2

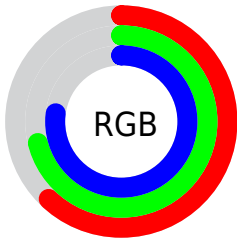
Format	Color
RYB	157, 172, 196
Decimal	10335684
CIELab	72.36, -4.96, -10.36
CIELCh	72, 11.485, 244.417
Yxy	44.2014, 0.2820, 0.3086
Android (android.graphics.Color)	4288525764 (0xFF9DB5C4)
YUV	175.5340, 10.0897, -16.2543
Hunter-Lab	66.4841, -7.8999, -5.7445

Details

The XYZ color **40.3923, 44.2014, 58.6274** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.6036, 43.6751, 38.0311**, and the grayscale version is **40.9818, 43.1160, 46.9534**.

A 20% lighter version of the original color is **75.1652, 81.6573, 104.7283**, and **18.4274, 20.3946, 28.5565** is the 20% darker color. If you saturate the color by 10%, you get **35.3797, 39.4044, 57.9664**, and if you desaturate by 10%, it is **46.1039, 49.4841, 59.3468**.

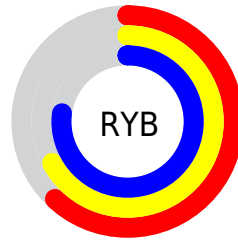
Distribution



Red (62%)

Green (71%)

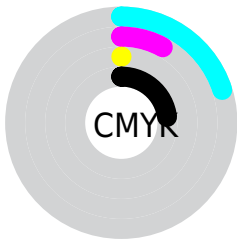
Blue (77%)



Red (62%)

Yellow (67%)

Blue (77%)

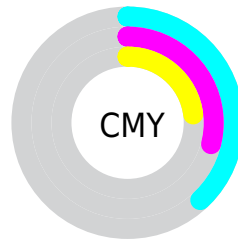


Cyan (20%)

Magenta (8%)

Yellow (0%)

Black (23%)



Cyan (38%)

Magenta (29%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3923, 44.2014, 58.6274 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 40.3923, 44.2014, 58.6274 by changing the saturation by 10% instead.

■ 40.3923, 44.2014,
58.6274

■ 40.3923, 44.2014,
58.6274

338.8804,
363.5295, 437.1831

■ 28.0301, 30.8289,
41.8952

■ 75.0411, 81.5207,
104.3597

■ 18.4889, 20.4686,
28.6943

■ 98.0584, 106.2363,
134.1969

■ 11.4034, 12.7361,
18.6061

125.3581,
135.5017, 169.2396

■ 6.4081, 7.2471,
11.2121

157.3056,
169.7013, 209.9062

■ 3.1378, 3.6171,
6.0937

194.2662,
209.2194, 256.6153

■ 1.2271, 1.4618,
2.8324

236.6053,

■ 0.1276, 0.2616,

254.4406, 309.7855

1.0097

284.6883,
305.7492, 369.8352

■ 0.0000, 0.0000,
0.0000

■ 40.3923, 44.2014,
58.6274

■ 40.3923, 44.2014,
58.6274

■ 35.3797, 39.4044,
57.9664

■ 46.1039, 49.4841,
59.3468

■ 31.0316, 35.0700,
57.3589

■ 52.5392, 55.2638,
60.1232

■ 27.3166, 31.1811,
56.8041

■ 59.7261, 61.5577,
60.9592

■ 24.1986, 27.7173,
56.2999

■ 67.6903, 68.3810,
61.8565

■ 21.6378, 24.6558,
55.8439

■ 76.4548, 75.7472,
62.8164

■ 19.5891, 21.9712,
55.4337

■ 78.4623, 79.7622,
63.4855

■ 17.9993, 19.6340,
55.0664

■ 80.5599, 83.9575,
64.1848

■ 16.7681, 17.5901,
54.7368

■ 82.7488, 88.3353,
64.9144

■ 16.7562, 17.5701,
54.7335

■ 85.0301, 92.8978,
65.6748

Harmonies

Analogous

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



38.9543, 44.2014, 54.5454



40.3923, 44.2014, 58.6274



42.3055, 44.2014, 59.8156

Triad

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



40.3923, 44.2014, 58.6274



45.9163, 44.2014, 47.2944



39.9005, 44.2014, 39.6958

Complementary

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



40.3923, 44.2014, 58.6274



43.6036, 43.6751, 38.0311

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.



41.7201, 44.2014, 38.0713



40.3923, 44.2014, 58.6274



45.2259, 44.2014, 42.2344

Square

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



40.3923, 44.2014, 58.6274



45.5340, 44.2014, 52.9824



43.6746, 44.2014, 38.9632



38.6767, 44.2014, 43.5792

Rectangle

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



40.3923, 44.2014, 58.6274



43.6028, 44.2014, 58.7342



43.6746, 44.2014, 38.9632



40.4606, 44.2014, 38.8819

Sweetspot

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



40.3936, 44.2032, 58.6284



87.7951, 93.5161, 108.0309



41.0870, 49.6254, 46.4185



18.6291, 19.8696, 23.1033



0.0000, 0.0000, 0.0000



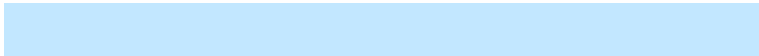
20.3446, 21.4041, 23.3091

Same Dimension

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



40.3936, 44.2032, 58.6284



68.9532, 76.0755, 105.6576



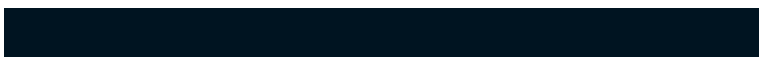
36.7105, 36.8369, 57.4007



10.0327, 10.7568, 12.8323



10.8519, 11.4602, 35.1967



0.5339, 0.6253, 1.5424

Inverse Universe

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



43.1635, 39.1869, 49.0070



74.9769, 65.5505, 84.6471



47.5806, 51.6291, 39.3568



10.3278, 10.1797, 11.8169



16.8735, 8.4391, 12.5118



0.7619, 0.3778, 0.7135

Previews

White Background



This preview shows how the XYZ color 40.3923, 44.2014, 58.6274 looks on a white background.

Color Contrast Check

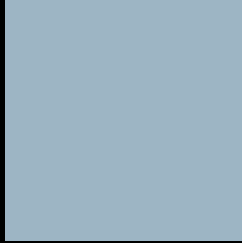
Large Text (above 18pt) WCAG AA × Fail

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 40.3923, 44.2014, 58.6274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

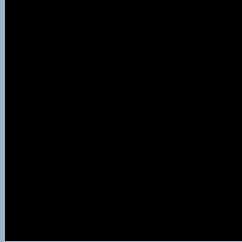
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

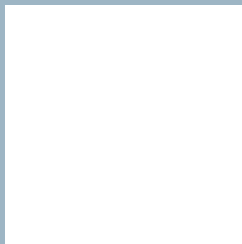
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.3923, 44.2014, 58.6274

Background



This preview shows how black text looks on a background with the XYZ color 40.3923, 44.2014, 58.6274.



This preview shows how white text looks on a background with the XYZ color 40.3923, 44.2014,

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

40.3923, 44.2014, 58.6274

Protanopia

43.0555, 44.1310, 56.7010

Deuteranopia

44.9532, 43.8966, 59.5297



Tritanopia

40.3923, 44.2014, 58.6274

Trichromacy



Original Color

40.3923, 44.2014, 58.6274

Protanomaly

42.0202, 44.1708, 57.3501

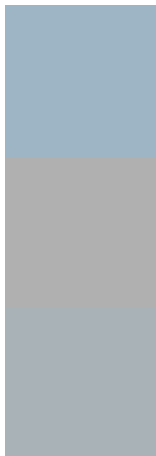
Deuteranomaly

43.0872, 43.8051, 59.0076

Tritanomaly

40.3923, 44.2014, 58.6274

Monochromacy



Original Color

40.3923, 44.2014, 58.6274

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.8298, 43.6947, 51.0817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3923, 44.2014, 58.6274 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(157, 181, 196)` looks like.

```
.text, #text, p{  
    color:rgb(157, 181, 196)  
}
```

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(157, 181, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 181, 196) }
```

Border

The CSS property to change the border of an element to XYZ 40.3923, 44.2014, 58.6274 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(157, 181, 196) }
```


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

```
.border{ border-color:rgb(157, 181, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 181, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 181, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 181, 196);  
box-shadow:4px 4px 4px 4px rgb(157, 181,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3923, 44.2014, 58.6274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 181, 196) }
```

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

```
.background{ background-color: rgb(157,  
181, 196) }
```

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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