

Converting Colors

XYZ(39.5994, 43.9615, 51.6811)

Have a look what the booklet for
XYZ(39.5994, 43.9615, 51.6811)
contains.

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Color

**XYZ(39.6728, 43.9820,
51.7458)**

Conversions

Conversions Part 1

Format	Color
Hex	A0B5B8
RGB	160, 181, 184
RGB Percent	63%, 71%, 72%
CMY	0.3725, 0.2902, 0.2784
CMYK	0.13, 0.02, 0.00, 0.28
HSL	187°, 14%, 67%
HSV	187°, 13%, 72%
XYZ	39.6728, 43.9820, 51.7458
YIQ	175.0630, -13.4790, -3.5190

Conversions

Conversions Part 2

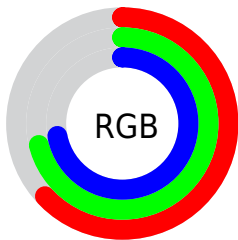
Format	Color
RYB	160, 171, 184
Decimal	10532280
CIELab	72.22, -6.57, -3.98
CIElCh	72, 7.684, 211.182
Yxy	43.9820, 0.2930, 0.3248
Android (android.graphics.Color)	4288722360 (0xFFA0B5B8)
YUV	175.0630, 4.4059, -13.2103
Hunter-Lab	66.3189, -9.2772, 0.1618

Details

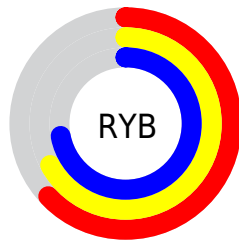
The XYZ color **39.6728, 43.9820, 51.7458** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.2098, 38.9227, 38.7047**, and the grayscale version is **40.7641, 42.8870, 46.7039**.

A 20% lighter version of the original color is **74.0367, 81.3067, 94.2297**, and **18.0002, 20.2652, 24.4356** is the 20% darker color. If you saturate the color by 10%, you get **35.8002, 41.2988, 51.4327**, and if you desaturate by 10%, it is **44.1001, 46.9650, 52.0889**.

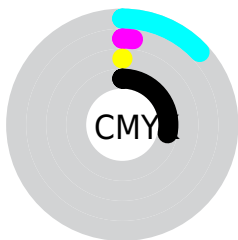
Distribution



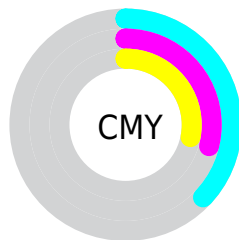
- Red (63%)
- Green (71%)
- Blue (72%)



- Red (63%)
- Yellow (67%)
- Blue (72%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (28%)



- Cyan (37%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6728, 43.9820, 51.7458 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 39.6728, 43.9820, 51.7458 by changing the saturation by 10% instead.

■ 39.6728, 43.9820,
51.7458

■ 39.6728, 43.9820,
51.7458

335.9007,
362.6348, 410.3835

■ 27.4666, 30.6564,
36.4217

■ 73.9525, 81.1907,
94.1790

■ 18.0624, 20.3373,
24.4678

■ 96.7567, 105.8425,
122.1251

■ 11.0947, 12.6405,
15.4656

123.8244,
135.0384, 155.1157

■ 6.1983, 7.1814,
8.9965

155.5207,
169.1630, 193.5692

■ 3.0079, 3.5758,
4.6421

192.2112,
208.6005, 237.9042

■ 1.1579, 1.4392,
1.9838

234.2611,

■ 0.0728, 0.2454,

253.7354, 288.5392

0.5453

282.0358,
304.9520, 345.8928

■ 0.0000, 0.0000,
0.0000

■ 39.6728, 43.9820,
51.7458

■ 39.6728, 43.9820,
51.7458

■ 35.8002, 41.2988,
51.4327

■ 44.1001, 46.9650,
52.0889

■ 32.4545, 38.8974,
51.1455

■ 49.1007, 50.2538,
52.4602

■ 29.6115, 36.7665,
50.8841

■ 54.6970, 53.8613,
52.8615

■ 27.2434, 34.8917,
50.6470

■ 60.9090, 57.7978,
53.2939

■ 25.3195, 33.2572,
50.4329

■ 67.7559, 62.0733,
53.7583

■ 23.8059, 31.8452,
50.2401

■ 69.3604, 63.6579,
53.9796

■ 22.6633, 30.6357,
50.0669

■ 69.8786, 64.6943,
54.1523

■ 21.8446, 29.6043,
49.9110

■ 70.4048, 65.7465,
54.3277

■ 21.4004, 28.9577,
49.8096

■ 70.9389, 66.8148,
54.5058

Harmonies

Analogous

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



39.3208, 43.9820, 48.0388



39.6728, 43.9820, 51.7458



40.5939, 43.9820, 54.5334

Triad

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



39.6728, 43.9820, 51.7458



44.0634, 43.9820, 51.4732



41.7513, 43.9820, 40.9931

Complementary

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



39.6728, 43.9820, 51.7458



39.2098, 38.9227, 38.7047

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.



43.0370, 43.9820, 41.8074



39.6728, 43.9820, 51.7458



44.3887, 43.9820, 47.7393

Square

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



39.6728, 43.9820, 51.7458



43.1294, 43.9820, 54.3702



44.0093, 43.9820, 44.2286



40.5052, 43.9820, 41.9443

Rectangle

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



39.6728, 43.9820, 51.7458



41.4163, 43.9820, 55.4248



44.0093, 43.9820, 44.2286



42.1932, 43.9820, 41.0691

Sweetspot

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



39.6741, 43.9838, 51.7468



79.0738, 84.5571, 94.3581



38.2314, 44.3925, 41.1108



16.9109, 18.1381, 20.3313



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.



39.6741, 43.9838, 51.7468



69.5473, 78.1044, 93.6147



37.3749, 39.3855, 50.9804



9.1684, 10.0140, 11.5291



14.7842, 20.0280, 34.3397



0.5482, 0.7601, 1.2196

Inverse Universe

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



40.6795, 38.6691, 49.0380



71.7837, 66.4015, 87.5625



41.4041, 43.3113, 39.4362



9.3313, 9.1429, 11.0923



18.0760, 8.8042, 24.0850



0.6509, 0.3158, 0.9209

Previews

White Background



This preview shows how the XYZ color 39.6728, 43.9820, 51.7458 looks on a white background.

Color Contrast Check

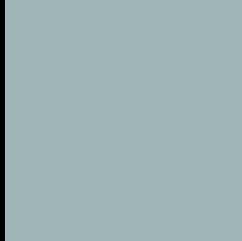
Large Text (above 18pt) WCAG AA × Fail

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 39.6728, 43.9820, 51.7458 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

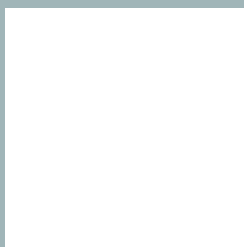
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.6728, 43.9820, 51.7458

Background



This preview shows how black text looks on a background with the XYZ color 39.6728, 43.9820, 51.7458.



This preview shows how white text looks on a background with the XYZ color 39.6728, 43.9820,

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

39.6728, 43.9820, 51.7458

Protanopia

42.4562, 43.9706, 49.9655

Deuteranopia

44.8507, 43.9974, 52.5828



Tritanopia

40.7580, 43.8166, 57.3482

Trichromacy



Original Color

39.6728, 43.9820, 51.7458

Protanomaly

41.3771, 43.9888, 50.5659

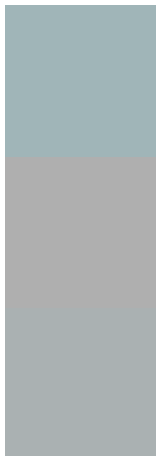
Deuteranomaly

42.6773, 43.7464, 52.0935

Tritanomaly

40.3135, 43.9373, 55.0712

Monochromacy



Original Color

39.6728, 43.9820, 51.7458

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.3356, 43.2047, 48.3329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6728, 43.9820, 51.7458 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(160, 181, 184)` looks like.

```
.text, #text, p{  
    color:rgb(160, 181, 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(160, 181, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 181, 184) }
```

Border

The CSS property to change the border of an element to XYZ 39.6728, 43.9820, 51.7458 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(160, 181, 184) }
```


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

```
.border{ border-color:rgb(160, 181, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 181, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 181, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 181, 184); box-shadow:4px 4px 4px 4px rgb(160, 181, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6728, 43.9820, 51.7458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 181, 184) }
```

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

```
.background{ background-color: rgb(160,  
181, 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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