

Converting Colors

XYZ(41.2345, 50.3689, 60.7395)

Have a look what the booklet for
XYZ(41.2345, 50.3689, 60.7395)
contains.

XYZ(41.2639, 50.4130, 60.9819)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.2639, 50.4130,
60.9819)**

Conversions

Conversions Part 1

Format	Color
Hex	8BC7C6
RGB	139, 199, 198
RGB Percent	55%, 78%, 78%
CMY	0.4549, 0.2196, 0.2235
CMYK	0.30, 0.00, 0.01, 0.22
HSL	179°, 35%, 66%
HSV	179°, 30%, 78%
XYZ	41.2639, 50.4130, 60.9819
YIQ	180.9460, -35.4390, -13.0310

Conversions

Conversions Part 2

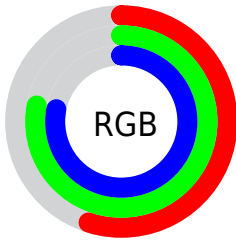
Format	Color
R _Y B	139, 169, 199
Decimal	9160646
CIE Lab	76.32, -19.34, -5.68
CIE LCh	76, 20.157, 196.373
Yxy	50.4130, 0.2703, 0.3302
Android (android.graphics.Color)	4287350726 (0xFF8BC7C6)
YUV	180.9460, 8.4076, -36.7866
Hunter-Lab	71.0021, -20.5159, -1.2212

Details

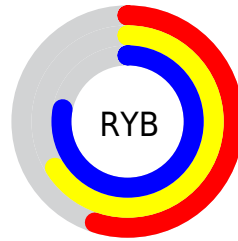
The XYZ color **41.2639, 50.4130, 60.9819** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.5212, 32.5022, 29.1088**, and the grayscale version is **43.8627, 46.1469, 50.2540**.

A 20% lighter version of the original color is **76.0581, 90.2093, 108.0112**, and **18.9972, 24.2428, 30.0636** is the 20% darker color. If you saturate the color by 10%, you get **38.2010, 48.8397, 60.6397**, and if you desaturate by 10%, it is **44.9347, 52.3022, 61.3552**.

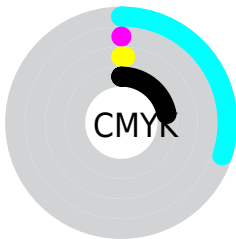
Distribution



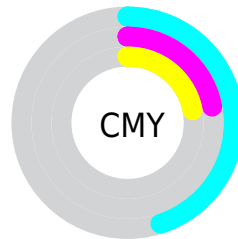
- Red (55%)
- Green (78%)
- Blue (78%)



- Red (55%)
- Yellow (66%)
- Blue (78%)



- Cyan (30%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)



- Cyan (45%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2639, 50.4130, 60.9819 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 41.2639, 50.4130, 60.9819 by changing the saturation by 10% instead.

■ 41.2639, 50.4130,
60.9819

■ 41.2639, 50.4130,
60.9819

342.4661,
388.2788, 446.1124

■ 28.7139, 35.7417,
43.7801

■ 76.3565, 90.7865,
107.8100

■ 19.0077, 24.2347,
30.1617

■ 99.6299, 117.2574,
138.2734

■ 11.7799, 15.5078,
19.7083

■ 127.2084,
148.4304, 173.9944

■ 6.6651, 9.1766,
12.0012

159.4575,
184.6897, 215.3915

■ 3.2980, 4.8565,
6.6220

196.7424,
226.4198, 262.8833

■ 1.3133, 2.1633,
3.1520

239.4286,

■ 0.1931, 0.6999,

274.0051, 316.8884

1.1728

287.8814,
327.8300, 377.8252

■ 0.0000, 0.0000,
0.0000

■ 41.2639, 50.4130,
60.9819

■ 41.2639, 50.4130,
60.9819

■ 38.2010, 48.8397,
60.6397

■ 44.9347, 52.3022,
61.3552

■ 35.7086, 47.5592,
60.3235

■ 49.2393, 54.5169,
61.7575

■ 33.7524, 46.5552,
60.0329

■ 54.2076, 57.0736,
62.1913

■ 32.2922, 45.8068,
59.7659

■ 59.8660, 59.9862,
62.6578

■ 31.2825, 45.2907,
59.5204

■ 66.2398, 63.2676,
63.1583

■ 30.6693, 44.9789,
59.2939

■ 72.0891, 66.2785,
63.6347

■ 30.3516, 44.8195,
59.0847

■ 72.1280, 66.2941,
63.8395

■ 72.1670, 66.3097,
64.0449

■ 72.2061, 66.3253,
64.2506

Harmonies

Analogous

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



41.1822, 50.4130, 50.1232



41.2639, 50.4130, 60.9819



43.0657, 50.4130, 71.4119

Triad

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



41.2639, 50.4130, 60.9819



53.3823, 50.4130, 70.5731



49.6521, 50.4130, 37.0166

Complementary

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



41.2639, 50.4130, 60.9819



37.5212, 32.5022, 29.1088

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.



53.1176, 50.4130, 41.1378



41.2639, 50.4130, 60.9819



55.3466, 50.4130, 59.9523

Square

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



41.2639, 50.4130, 60.9819



49.9981, 50.4130, 77.4285



55.2472, 50.4130, 49.2202



45.8927, 50.4130, 37.2158

Rectangle

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



41.2639, 50.4130, 60.9819



45.0566, 50.4130, 76.2990



55.2472, 50.4130, 49.2202



50.8940, 50.4130, 37.9166

Sweetspot

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



41.2654, 50.4150, 60.9831



87.0433, 95.8795, 108.2034



36.0696, 48.3757, 31.8635



18.3736, 20.3898, 23.1368



0.0000, 0.0000, 0.0000



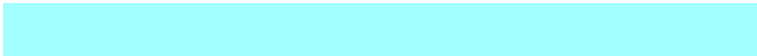
20.3446, 21.4041, 23.3091

Same Dimension

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



41.2654, 50.4150, 60.9831



68.7093, 86.4493, 106.3836



35.5207, 38.7399, 59.6405



10.9388, 12.0644, 13.6278



19.5194, 28.8201, 38.0094



0.9267, 1.3656, 1.8129

Inverse Universe

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



37.5212, 32.5022, 29.1088



61.1400, 50.2324, 41.9437



42.0339, 41.6454, 30.2500



10.6409, 10.6398, 11.0925



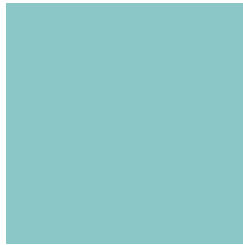
15.1602, 7.8136, 0.7874



0.7204, 0.3710, 0.0508

Previews

White Background



This preview shows how the XYZ color 41.2639, 50.4130, 60.9819 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 41.2639, 50.4130, 60.9819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

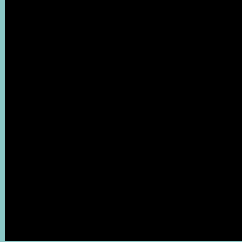
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2639, 50.4130, 60.9819

Background



This preview shows how black text looks on a background with the XYZ color 41.2639, 50.4130, 60.9819.

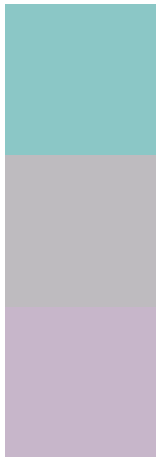


This preview shows how white text looks on a background with the XYZ color 41.2639, 50.4130,

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

41.2639, 50.4130, 60.9819

Protanopia

48.4095, 50.2494, 56.4379

Deuteranopia

50.9418, 49.8623, 62.8166



Tritanopia

43.1318, 50.4874, 70.4225

Trichromacy



Original Color

41.2639, 50.4130, 60.9819

Protanomaly

45.1630, 49.8146, 58.2738

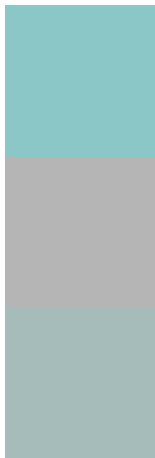
Deuteranomaly

46.6573, 49.5306, 62.3596

Tritanomaly

42.5638, 50.6050, 67.1989

Monochromacy



Original Color

41.2639, 50.4130, 60.9819

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.6787, 47.6613, 53.9638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2639, 50.4130, 60.9819 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(139, 199, 198)` looks like.

```
.text, #text, p{  
    color:rgb(139, 199, 198)  
}
```

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(139, 199, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 199, 198) }
```

Border

The CSS property to change the border of an element to XYZ 41.2639, 50.4130, 60.9819 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(139, 199, 198) }
```


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

```
.border{ border-color:rgb(139, 199, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 199, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 199, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 199, 198);  
box-shadow:4px 4px 4px 4px rgb(139, 199,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2639, 50.4130, 60.9819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 199, 198) }
```

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

```
.background{ background-color: rgb(139,  
199, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor