

Converting Colors

XYZ(41.7168, 51.0025, 60.4691)

Have a look what the booklet for
XYZ(41.7168, 51.0025, 60.4691)
contains.

XYZ(41.7168, 51.0025, 60.4691)	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(41.7168, 51.0025,
60.4691)**

Conversions

Conversions Part 1

Format	Color
Hex	8DC8C5
RGB	141, 200, 197
RGB Percent	55%, 78%, 77%
CMY	0.4470, 0.2157, 0.2274
CMYK	0.30, 0.00, 0.02, 0.22
HSL	177°, 35%, 67%
HSV	177°, 30%, 78%
XYZ	41.7168, 51.0025, 60.4691
YIQ	182.0170, -34.2010, -13.4410

Conversions

Conversions Part 2

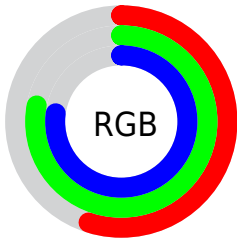
Format	Color
RYB	141, 171, 200
Decimal	9291973
CIELab	76.68, -19.50, -4.60
CIElCh	77, 20.040, 193.272
Yxy	51.0025, 0.2723, 0.3329
Android (android.graphics.Color)	4287482053 (0xFF8DC8C5)
YUV	182.0170, 7.3866, -35.9719
Hunter-Lab	71.4160, -20.7095, -0.2106

Details

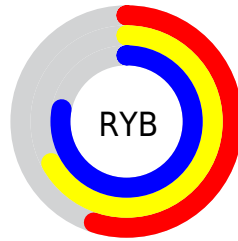
The XYZ color **41.7168, 51.0025, 60.4691** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.3801, 33.3441, 30.8007**, and the grayscale version is **44.4482, 46.7630, 50.9249**.

A 20% lighter version of the original color is **76.4143, 90.4115, 107.1896**, and **19.2613, 24.6156, 29.7227** is the 20% darker color. If you saturate the color by 10%, you get **38.5026, 49.3602, 59.7130**, and if you desaturate by 10%, it is **45.5489, 52.9658, 61.2604**.

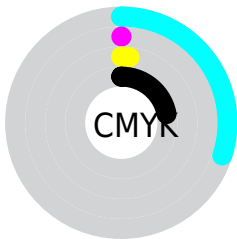
Distribution



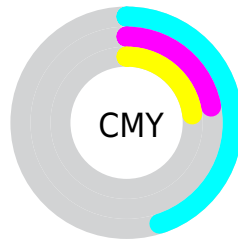
- Red (55%)
- Green (78%)
- Blue (77%)



- Red (55%)
- Yellow (67%)
- Blue (78%)



- Cyan (30%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)



- Cyan (45%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7168, 51.0025, 60.4691 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 41.7168, 51.0025, 60.4691 by changing the saturation by 10% instead.

■ 41.7168, 51.0025,
60.4691

■ 41.7168, 51.0025,
60.4691

344.3193,
390.5735, 444.1773

■ 29.0697, 36.2106,
43.3691

■ 77.0387, 91.6585,
107.0599

■ 19.2781, 24.5969,
29.8413

■ 100.4442,
118.2913, 137.3877

■ 11.9766, 15.7770,
19.4671

128.1666,
149.6400, 172.9619

■ 6.7998, 9.3665,
11.8281

160.5713,
186.0887, 214.2010

■ 3.3825, 4.9810,
6.5056

198.0235,
228.0221, 261.5236

■ 1.3591, 2.2361,
3.0812

240.8887,

■ 0.2268, 0.7396,

275.8244, 315.3481

1.1362

289.5321,
329.8801, 376.0932

■ 0.0000, 0.0000,
0.0000

■ 41.7168, 51.0025,
60.4691

■ 41.7168, 51.0025,
60.4691

■ 38.5026, 49.3602,
59.7130

■ 45.5489, 52.9658,
61.2604

■ 35.8686, 48.0157,
58.9870

■ 50.0251, 55.2597,
62.0849

■ 33.7804, 46.9524,
58.2907

■ 55.1752, 57.9010,
62.9451

■ 32.1976, 46.1496,
57.6221

■ 61.0263, 60.9036,
63.8422

■ 31.0744, 45.5837,
56.9792

■ 67.6036, 64.2804,
64.7774

■ 30.3568, 45.2267,
56.3592

■ 72.6875, 66.8873,
65.6469

■ 29.9485, 45.0291,
55.7578

■ 72.8094, 66.9360,
66.2884

■ 29.9304, 45.0205,
55.7280

■ 72.9320, 66.9851,
66.9340

■ 73.0554, 67.0344,
67.5838

Harmonies

Analogous

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



41.8199, 51.0025, 49.7337



41.7168, 51.0025, 60.4691



43.3561, 51.0025, 71.1213

Triad

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



41.7168, 51.0025, 60.4691



53.6510, 51.0025, 72.1773



50.6067, 51.0025, 37.8307

Complementary

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



41.7168, 51.0025, 60.4691



38.3801, 33.3441, 30.8007

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.



53.9846, 51.0025, 42.4072



41.7168, 51.0025, 60.4691



55.8041, 51.0025, 61.7665

Square

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



41.7168, 51.0025, 60.4691



50.1706, 51.0025, 78.4518



55.9293, 51.0025, 50.8732



46.8207, 51.0025, 37.5787

Rectangle

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



41.7168, 51.0025, 60.4691



45.2687, 51.0025, 76.3625



55.9293, 51.0025, 50.8732



51.8321, 51.0025, 38.8841

Sweetspot

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



41.7183, 51.0046, 60.4703



86.9175, 95.8292, 107.5409



37.1288, 49.2474, 32.7490



18.3423, 20.3773, 22.9722



0.0000, 0.0000, 0.0000



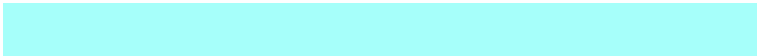
20.3446, 21.4041, 23.3091

Same Dimension

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



41.7183, 51.0046, 60.4703



68.7608, 86.5309, 103.8978



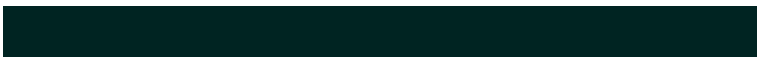
36.6312, 40.2743, 60.4890



10.9225, 12.0579, 13.5421



19.0403, 28.6285, 35.4865



0.9089, 1.3585, 1.7189

Inverse Universe

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



38.3801, 33.3441, 30.8007



62.1141, 51.3550, 44.8138



42.3684, 41.6831, 31.0128



10.6554, 10.6455, 11.1685



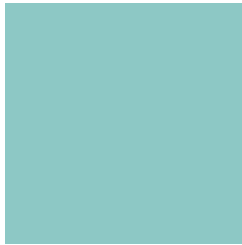
15.1907, 7.8259, 0.9484



0.7271, 0.3737, 0.0860

Previews

White Background



This preview shows how the XYZ color 41.7168, 51.0025, 60.4691 looks on a white background.

Color Contrast Check

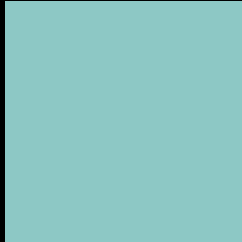
Large Text (above 18pt) WCAG AA × Fail

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 41.7168, 51.0025, 60.4691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

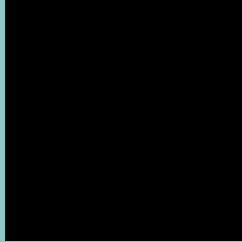
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7168, 51.0025, 60.4691

Background



This preview shows how black text looks on a background with the XYZ color 41.7168, 51.0025, 60.4691.

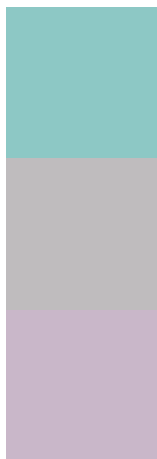


This preview shows how white text looks on a background with the XYZ color 41.7168, 51.0025,

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

41.7168, 51.0025, 60.4691

Protanopia

48.7633, 50.7605, 55.9429

Deuteranopia

51.5635, 50.5015, 62.2884



Tritanopia

43.8814, 51.2120, 70.5229

Trichromacy



Original Color

41.7168, 51.0025, 60.4691

Protanomaly

45.7089, 50.4338, 57.7777

Deuteranomaly

47.2133, 50.1490, 61.8349

Tritanomaly

43.1875, 51.2811, 66.6535

Monochromacy



Original Color

41.7168, 51.0025, 60.4691

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.1036, 48.1985, 54.0452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7168, 51.0025, 60.4691 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(141, 200, 197)` looks like.

```
.text, #text, p{  
    color:rgb(141, 200, 197)  
}
```

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(141, 200, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 200, 197) }
```

Border

The CSS property to change the border of an element to XYZ 41.7168, 51.0025, 60.4691 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(141, 200, 197) }
```


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

```
.border{ border-color:rgb(141, 200, 197) }
```

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

Here you see how a box with a 4 pixel rgb(141, 200, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 200, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 200, 197);  
box-shadow:4px 4px 4px 4px rgb(141, 200,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7168, 51.0025, 60.4691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 200, 197) }
```

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

```
.background{ background-color: rgb(141,  
200, 197) }
```

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