

Converting Colors

XYZ(41.1354, 50.9359, 59.3428)

Have a look what the booklet for
XYZ(41.1354, 50.9359, 59.3428)
contains.

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Color

**XYZ(41.2182, 51.1167,
59.3238)**

Conversions

Conversions Part 1

Format	Color
Hex	8AC9C3
RGB	138, 201, 195
RGB Percent	54%, 79%, 76%
CMY	0.4588, 0.2117, 0.2353
CMYK	0.31, 0.00, 0.03, 0.21
HSL	174°, 37%, 66%
HSV	174°, 31%, 79%
XYZ	41.2182, 51.1167, 59.3238
YIQ	181.4790, -35.6220, -15.2220

Conversions

Conversions Part 2

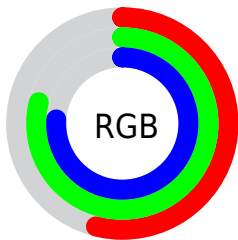
Format	Color
RYB	138, 171, 201
Decimal	9095619
CIELab	76.75, -21.32, -3.44
CIELCh	77, 21.598, 189.157
Yxy	51.1167, 0.2718, 0.3371
Android (android.graphics.Color)	4287285699 (0xFF8AC9C3)
YUV	181.4790, 6.6659, -38.1311
Hunter-Lab	71.4959, -22.2107, 0.8512

Details

The XYZ color **41.2182, 51.1167, 59.3238** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.2117, 32.6095, 30.6679**, and the grayscale version is **44.1603, 46.4601, 50.5951**.

A 20% lighter version of the original color is **75.1649, 89.8225, 104.6427**, and **18.9877, 24.7218, 28.9703** is the 20% darker color. If you saturate the color by 10%, you get **37.9807, 49.4739, 58.0502**, and if you desaturate by 10%, it is **45.0768, 53.0820, 60.6432**.

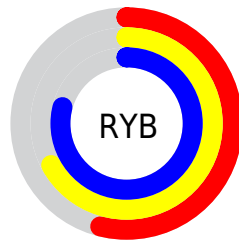
Distribution



Red (54%)

Green (79%)

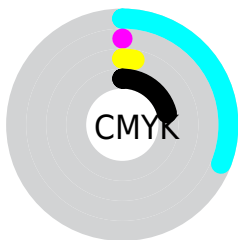
Blue (76%)



Red (54%)

Yellow (67%)

Blue (79%)

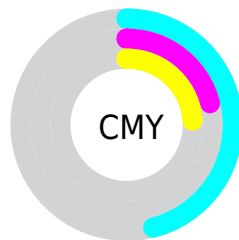


Cyan (31%)

Magenta (0%)

Yellow (3%)

Black (21%)



Cyan (46%)

Magenta (21%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2182, 51.1167, 59.3238 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 41.2182, 51.1167, 59.3238 by changing the saturation by 10% instead.

■ 41.2182, 51.1167,
59.3238

■ 41.2182, 51.1167,
59.3238

342.2788,
391.0170, 439.8361

■ 28.6780, 36.3015,
42.4521

■ 76.2876, 91.8273,
105.3819

■ 18.9805, 24.6671,
29.1273

■ 99.5476, 118.4914,
135.4053

■ 11.7601, 15.8292,
18.9307

■ 127.1116,
149.8739, 170.6498

■ 6.6516, 9.4034,
11.4439

159.3449,
186.3593, 211.5338

■ 3.2895, 5.0052,
6.2483

196.6130,
228.3319, 258.4759

■ 1.3087, 2.2503,
2.9254

239.2810,

■ 0.1897, 0.7472,

276.1762, 311.8946

1.0567

287.7145,
330.2764, 372.2085

■ 0.0000, 0.0000,
0.0000

■ 41.2182, 51.1167,
59.3238

■ 41.2182, 51.1167,
59.3238

■ 37.9807, 49.4739,
58.0502

■ 45.0768, 53.0820,
60.6432

■ 35.3260, 48.1299,
56.8172

■ 49.5836, 55.3798,
62.0064

■ 33.2182, 47.0674,
55.6242

■ 54.7692, 58.0273,
63.4159

■ 31.6156, 46.2652,
54.4692

■ 60.6612, 61.0386,
64.8732

■ 30.4706, 45.6985,
53.3498

■ 67.2855, 64.4270,
66.3794

■ 29.7265, 45.3382,
52.2635

■ 73.3280, 67.5152,
67.8732

■ 29.3159, 45.1464,
51.3455

■ 73.5628, 67.6092,
69.1100

■ 73.8005, 67.7043,
70.3618

■ 74.0411, 67.8005,
71.6286

Harmonies

Analogous

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



41.5912, 51.1167, 48.0127



41.2182, 51.1167, 59.3238



42.7312, 51.1167, 71.1463

Triad

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



41.2182, 51.1167, 59.3238



53.7286, 51.1167, 75.0395



51.4409, 51.1167, 37.1301

Complementary

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



41.2182, 51.1167, 59.3238



38.2117, 32.6095, 30.6679

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.



54.9501, 51.1167, 42.5974



41.2182, 51.1167, 59.3238



56.3217, 51.1167, 64.0733

Square

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



41.2182, 51.1167, 59.3238



49.8488, 51.1167, 81.0220



56.7808, 51.1167, 52.1453



47.3426, 51.1167, 36.2301

Rectangle

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



41.2182, 51.1167, 59.3238



44.6586, 51.1167, 77.3514



56.7808, 51.1167, 52.1453



52.7348, 51.1167, 38.4538

Sweetspot

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



41.2197, 51.1188, 59.3250



86.7549, 95.7641, 106.6846



37.0297, 49.5667, 31.6614



18.3019, 20.3611, 22.7596



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.



41.2197, 51.1188, 59.3250



66.4792, 85.4388, 99.9896



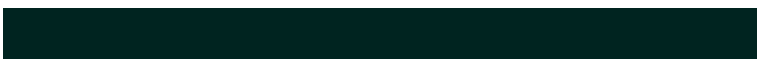
36.5115, 40.5943, 61.1718



10.9015, 12.0495, 13.4313



18.4504, 28.3926, 32.3803



0.8866, 1.3496, 1.6016

Inverse Universe

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



38.2117, 32.6095, 30.6679



60.4897, 48.5502, 42.9034



41.8093, 40.5197, 29.6632



10.6742, 10.6531, 11.2678



15.2354, 7.8437, 1.1837



0.7358, 0.3771, 0.1317

Previews

White Background



This preview shows how the XYZ color 41.2182, 51.1167, 59.3238 looks on a white background.

Color Contrast Check

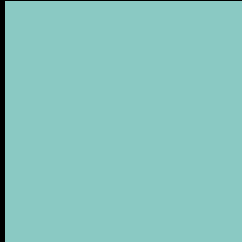
Large Text (above 18pt) WCAG AA × Fail

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 41.2182, 51.1167, 59.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

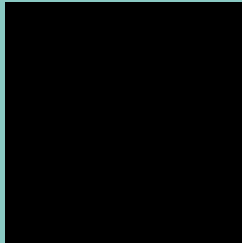
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2182, 51.1167, 59.3238

Background



This preview shows how black text looks on a background with the XYZ color 41.2182, 51.1167, 59.3238.



This preview shows how white text looks on a background with the XYZ color 41.2182, 51.1167,

59.3238.

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

41.2182, 51.1167, 59.3238

Protanopia

48.6911, 50.7608, 54.2452

Deuteranopia

51.5994, 50.5471, 61.0698



Tritanopia

43.4870, 50.9940, 71.1691

Trichromacy



Original Color

41.2182, 51.1167, 59.3238

Protanomaly

45.3775, 50.6283, 56.0958

Deuteranomaly

47.1969, 50.4878, 60.6837

Tritanomaly

42.6704, 51.0146, 66.6293

Monochromacy



Original Color

41.2182, 51.1167, 59.3238

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.3632, 47.5109, 53.3921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2182, 51.1167, 59.3238 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(138, 201, 195)` looks like.

```
.text, #text, p{  
    color:rgb(138, 201, 195)  
}
```

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(138, 201, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 201, 195) }
```

Border

The CSS property to change the border of an element to XYZ 41.2182, 51.1167, 59.3238 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(138, 201, 195) }
```


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

```
.border{ border-color:rgb(138, 201, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 201, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 201, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 201, 195);  
box-shadow:4px 4px 4px 4px rgb(138, 201,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2182, 51.1167, 59.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 201, 195) }
```

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

```
.background{ background-color: rgb(138,  
201, 195) }
```

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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