

Converting Colors

XYZ(41.9570, 51.1786, 58.1192)

Have a look what the booklet for
XYZ(41.9570, 51.1786, 58.1192)
contains.

XYZ(41.9570, 51.1786, 58.1192)	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(41.9570, 51.1786,
58.1192)**

Conversions

Conversions Part 1

Format	Color
Hex	91C8C1
RGB	145, 200, 193
RGB Percent	57%, 78%, 76%
CMY	0.4314, 0.2157, 0.2431
CMYK	0.28, 0.00, 0.04, 0.22
HSL	172°, 33%, 68%
HSV	172°, 28%, 78%
XYZ	41.9570, 51.1786, 58.1192
YIQ	182.7570, -30.5330, -13.8370

Conversions

Conversions Part 2

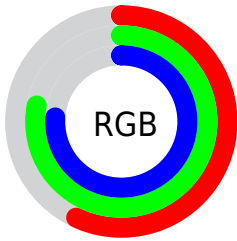
Format	Color
RYB	145, 174, 200
Decimal	9554113
CIELab	76.79, -19.24, -2.26
CIELCh	77, 19.368, 186.699
Yxy	51.1786, 0.2774, 0.3384
Android (android.graphics.Color)	4287744193 (0xFF91C8C1)
YUV	182.7570, 5.0498, -33.1129
Hunter-Lab	71.5392, -20.5053, 1.9096

Details

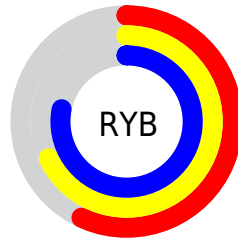
The XYZ color **41.9570, 51.1786, 58.1192** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.6141, 34.7986, 34.3367**, and the grayscale version is **44.8630, 47.1994, 51.4002**.

A 20% lighter version of the original color is **76.6783, 90.6389, 103.0762**, and **19.4261, 24.7265, 28.5598** is the 20% darker color. If you saturate the color by 10%, you get **38.4570, 49.4082, 56.4863**, and if you desaturate by 10%, it is **46.0852, 53.2750, 59.8093**.

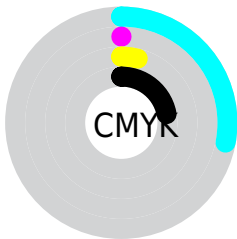
Distribution



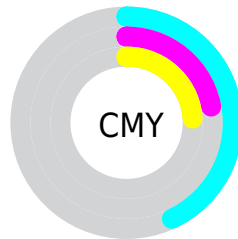
- Red (57%)
- Green (78%)
- Blue (76%)



- Red (57%)
- Yellow (68%)
- Blue (78%)



- Cyan (28%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)



- Cyan (43%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9570, 51.1786, 58.1192 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 41.9570, 51.1786, 58.1192 by changing the saturation by 10% instead.

■ 41.9570, 51.1786,
58.1192

■ 41.9570, 51.1786,
58.1192

345.2993,
391.2573, 435.2406

■ 29.2586, 36.3508,
41.4892

■ 77.4001, 91.9187,
103.6129

■ 19.4218, 24.7052,
28.3789

■ 100.8755,
118.5998, 133.3137

■ 12.0813, 15.8576,
18.3700

128.6740,
150.0007, 168.2084

■ 6.8716, 9.4234,
11.0437

161.1608,
186.5059, 208.7156

■ 3.4276, 5.0184,
5.9817

198.7014,
228.4998, 255.2539

■ 1.3837, 2.2581,
2.7654

241.6611,

■ 0.2446, 0.7514,

276.3667, 308.2418

0.9761

290.4053,
330.4911, 368.0979

■ 0.0000, 0.0000,
0.0000

■ 41.9570, 51.1786,
58.1192

■ 41.9570, 51.1786,
58.1192

■ 38.4570, 49.4082,
56.4863

■ 46.0852, 53.2750,
59.8093

■ 35.5484, 47.9407,
54.9053

■ 50.8675, 55.7066,
61.5545

■ 33.1969, 46.7599,
53.3757

■ 56.3334, 58.4902,
63.3575

■ 31.3633, 45.8455,
51.8955

■ 62.5095, 61.6393,
65.2197

■ 30.0031, 45.1746,
50.4625

■ 69.4211, 65.1669,
67.1423

■ 29.0642, 44.7203,
49.0741

■ 73.3148, 67.1382,
68.9498

■ 28.4731, 44.4448,
47.7267

■ 73.6312, 67.2648,
70.6162

■ 28.3480, 44.3875,
47.3948

■ 73.9528, 67.3934,
72.3093

■ 74.2793, 67.5241,
74.0290

Harmonies

Analogous

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



42.4374, 51.1786, 48.0959



41.9570, 51.1786, 58.1192



43.1945, 51.1786, 68.7164

Triad

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



41.9570, 51.1786, 58.1192



52.9905, 51.1786, 73.5791



51.4932, 51.1786, 39.1262

Complementary

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



41.9570, 51.1786, 58.1192



39.6141, 34.7986, 34.3367

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.



54.5330, 51.1786, 44.4834



41.9570, 51.1786, 58.1192



55.4274, 51.1786, 64.1205

Square

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



41.9570, 51.1786, 58.1192



49.4727, 51.1786, 78.3404



56.0056, 51.1786, 53.3971



47.8240, 51.1786, 37.9434

Rectangle

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



41.9570, 51.1786, 58.1192



44.8658, 51.1786, 74.4106



56.0056, 51.1786, 53.3971



52.6280, 51.1786, 40.4625

Sweetspot

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



41.9585, 51.1807, 58.1204



87.5236, 96.1680, 106.3798



38.7781, 50.0627, 34.4083



18.4495, 20.4393, 22.6698



0.0000, 0.0000, 0.0000



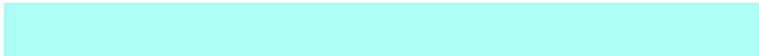
20.3446, 21.4041, 23.3091

Same Dimension

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



41.9585, 51.1807, 58.1204



68.8946, 86.7102, 98.9218



38.3916, 42.7669, 60.8774



10.8863, 12.0434, 13.3517



18.0470, 28.2312, 30.2557



0.8712, 1.3434, 1.5204

Inverse Universe

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



39.6141, 34.7986, 34.3367



64.1730, 53.6886, 51.0005



42.4172, 41.2958, 32.5243



10.6879, 10.6586, 11.3398



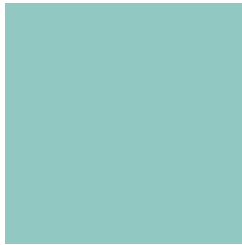
15.2785, 7.8610, 1.4108



0.7420, 0.3797, 0.1647

Previews

White Background



This preview shows how the XYZ color 41.9570, 51.1786, 58.1192 looks on a white background.

Color Contrast Check

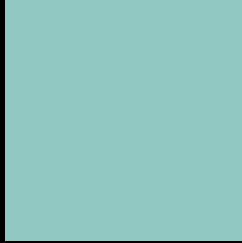
Large Text (above 18pt) WCAG AA × Fail

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 41.9570, 51.1786, 58.1192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

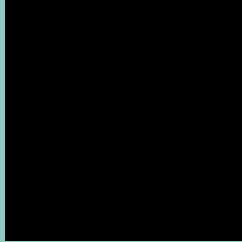
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9570, 51.1786, 58.1192

Background



This preview shows how black text looks on a background with the XYZ color 41.9570, 51.1786, 58.1192.



This preview shows how white text looks on a background with the XYZ color 41.9570, 51.1786,

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

41.9570, 51.1786, 58.1192

Protanopia

48.8385, 50.8491, 53.6952

Deuteranopia

51.7991, 50.6899, 59.2786



Tritanopia

44.3709, 51.1262, 70.4805

Trichromacy



Original Color

41.9570, 51.1786, 58.1192

Protanomaly

45.9394, 50.6035, 55.4903

Deuteranomaly

47.5764, 50.4026, 58.8509

Tritanomaly

43.5474, 51.1403, 65.9684

Monochromacy



Original Color

41.9570, 51.1786, 58.1192

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.5294, 48.4181, 54.0651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9570, 51.1786, 58.1192 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(145, 200, 193)` looks like.

```
.text, #text, p{  
    color:rgb(145, 200, 193)  
}
```

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(145, 200, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 200, 193) }
```

Border

The CSS property to change the border of an element to XYZ 41.9570, 51.1786, 58.1192 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(145, 200, 193) }
```


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

```
.border{ border-color:rgb(145, 200, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 200, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 200, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 200, 193);  
box-shadow:4px 4px 4px 4px rgb(145, 200,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9570, 51.1786, 58.1192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 200, 193) }
```

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

```
.background{ background-color: rgb(145,  
200, 193) }
```

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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