

Converting Colors

XYZ(43.2068, 51.4571, 60.9336)

Have a look what the booklet for
XYZ(43.2068, 51.4571, 60.9336)
contains.

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Color

**XYZ(43.1941, 51.4081,
61.0723)**

Conversions

Conversions Part 1

Format	Color
Hex	96C7C6
RGB	150, 199, 198
RGB Percent	59%, 78%, 78%
CMY	0.4118, 0.2196, 0.2235
CMYK	0.25, 0.00, 0.01, 0.22
HSL	179°, 30%, 68%
HSV	179°, 25%, 78%
XYZ	43.1941, 51.4081, 61.0723
YIQ	184.2350, -28.8830, -10.6990

Conversions

Conversions Part 2

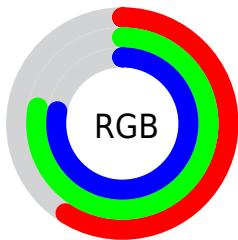
Format	Color
RYB	150, 175, 199
Decimal	9881542
CIELab	76.93, -16.13, -4.72
CIELCh	77, 16.805, 196.323
Yxy	51.4081, 0.2775, 0.3302
Android (android.graphics.Color)	4288071622 (0xFF96C7C6)
YUV	184.2350, 6.7861, -30.0241
Hunter-Lab	71.6994, -17.9398, -0.3126

Details

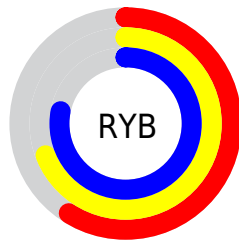
The XYZ color **43.1941, 51.4081, 61.0723** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.0472, 36.1905, 34.1548**, and the grayscale version is **45.6661, 48.0443, 52.3202**.

A 20% lighter version of the original color is **78.9868, 91.7191, 108.1483**, and **20.0892, 24.8058, 30.1147** is the 20% darker color. If you saturate the color by 10%, you get **39.7922, 49.6611, 60.6693**, and if you desaturate by 10%, it is **47.2211, 53.4800, 61.5074**.

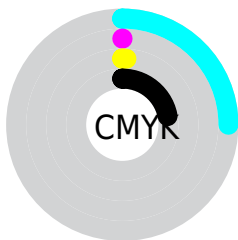
Distribution



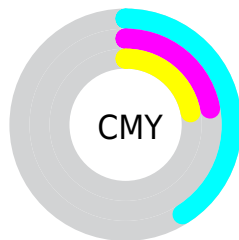
- Red (59%)
- Green (78%)
- Blue (78%)



- Red (59%)
- Yellow (69%)
- Blue (78%)



- Cyan (25%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)





- Cyan (41%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1941, 51.4081, 61.0723 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 43.1941, 51.4081, 61.0723 by changing the saturation by 10% instead.


 43.1941, 51.4081,
61.0723


 43.1941, 51.4081,
61.0723


350.3174,
392.1473, 446.4529

 30.2326, 36.5335,
43.8526

 79.2576, 92.2577,
107.9422

 20.1642, 24.8465,
30.2183


 103.0903,
119.0015, 138.4294

 12.6234, 15.9627,
19.7509


131.2774,
150.4705, 174.1762

 7.2449, 9.4978,
12.0318

164.1844,
187.0491, 215.6011

 3.6634, 5.0673,
6.6425

202.1765,
229.1217, 263.1227

 1.5135, 2.2868,
3.1645

245.6191,

 0.3350, 0.7667,

277.0727, 317.1595

1.1793

294.8777,
331.2864, 378.1301

■ 0.0000, 0.0000,
0.0000

■ 43.1941, 51.4081,
61.0723

■ 43.1941, 51.4081,
61.0723

■ 39.7922, 49.6611,
60.6693

■ 47.2211, 53.4800,
61.5074

■ 36.9793, 48.2164,
60.2935

■ 51.8977, 55.8854,
61.9724

■ 34.7230, 47.0586,
59.9444

■ 57.2530, 58.6407,
62.4698

■ 32.9854, 46.1682,
59.6202

■ 63.3125, 61.7590,
63.0009

■ 31.7244, 45.5235,
59.3190

■ 70.1008, 65.2530,
63.5667

■ 30.8911, 45.0993,
59.0384

■ 72.1417, 66.2996,
63.9111

■ 30.4259, 44.8648,
58.7757

■ 72.1895, 66.3187,
64.1628

■ 30.2670, 44.7858,
58.6391

■ 72.2374, 66.3379,
64.4151

■ 72.2855, 66.3571,
64.6682

Harmonies

Analogous

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



43.1264, 51.4081, 51.9124



43.1941, 51.4081, 61.0723



44.7365, 51.4081, 69.7043

Triad

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



43.1941, 51.4081, 61.0723



53.4462, 51.4081, 69.0408



50.3305, 51.4081, 40.5456

Complementary

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



43.1941, 51.4081, 61.0723



40.0472, 36.1905, 34.1548

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.



53.2333, 51.4081, 44.1778



43.1941, 51.4081, 61.0723



55.0845, 51.4081, 60.2435

Square

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



43.1941, 51.4081, 61.0723



50.6108, 51.4081, 74.6368



55.0049, 51.4081, 51.1689



47.1537, 51.4081, 40.7156

Rectangle

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



43.1941, 51.4081, 61.0723



46.4335, 51.4081, 73.7046



55.0049, 51.4081, 51.1689



51.3735, 51.4081, 41.3438

Sweetspot

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



43.1956, 51.4102, 61.0735



88.7264, 96.7469, 108.2974



38.8103, 49.6910, 36.4008



18.8804, 20.6509, 23.1693



0.0000, 0.0000, 0.0000



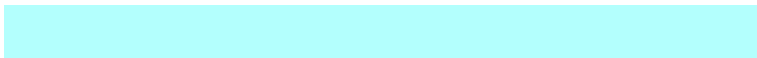
20.3446, 21.4041, 23.3091

Same Dimension

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



43.1956, 51.4102, 61.0735



72.0340, 88.1638, 106.5129



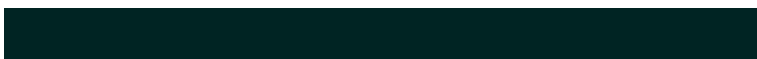
38.4394, 41.7121, 60.0605



10.9370, 12.0637, 13.6184



19.4657, 28.7987, 37.7268



0.9248, 1.3648, 1.8024

Inverse Universe

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



40.0472, 36.1905, 34.1548



65.5049, 56.5981, 50.6868



43.9780, 44.1819, 35.0651



10.6425, 10.6404, 11.1008



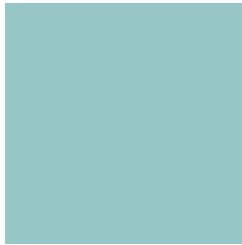
15.1635, 7.8150, 0.8051



0.7211, 0.3713, 0.0546

Previews

White Background



This preview shows how the XYZ color 43.1941, 51.4081, 61.0723 looks on a white background.

Color Contrast Check

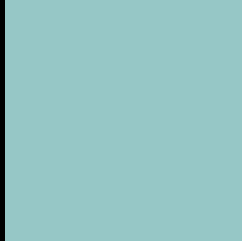
Large Text (above 18pt) WCAG AA × Fail

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 43.1941, 51.4081, 61.0723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

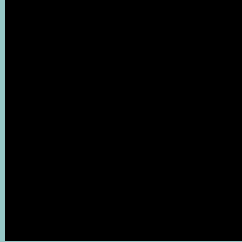
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1941, 51.4081, 61.0723

Background



This preview shows how black text looks on a background with the XYZ color 43.1941, 51.4081, 61.0723.



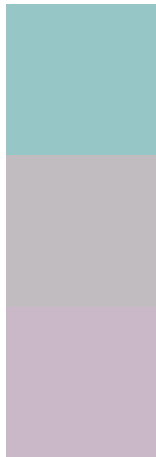
This preview shows how white text looks on a background with the XYZ color 43.1941, 51.4081,

61.0723.

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

43.1941, 51.4081, 61.0723

Protanopia

49.2359, 50.9787, 57.1140

Deuteranopia

52.0402, 51.0546, 62.3700



Tritanopia

45.1134, 51.5089, 70.5153

Trichromacy



Original Color

43.1941, 51.4081, 61.0723

Protanomaly

46.7187, 50.9414, 58.4093

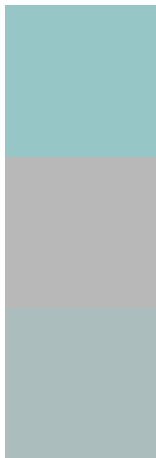
Deuteranomaly

48.1514, 50.6326, 61.8788

Tritanomaly

44.5281, 51.6176, 67.2908

Monochromacy



Original Color

43.1941, 51.4081, 61.0723

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.3962, 48.8400, 55.2312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1941, 51.4081, 61.0723 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(150, 199, 198)` looks like.

```
.text, #text, p{  
    color:rgb(150, 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(150, 199, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 199, 198) }
```

Border

The CSS property to change the border of an element to XYZ 43.1941, 51.4081, 61.0723 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(150, 199, 198) }
```


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

```
.border{ border-color:rgb(150, 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(150, 199, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 199, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 199, 198);  
box-shadow:4px 4px 4px 4px rgb(150, 199,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1941, 51.4081, 61.0723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 199, 198) }
```

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

```
.background{ background-color: rgb(150,  
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](#).

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