

Converting Colors

XYZ(41.1743, 49.9959, 61.4777)

Have a look what the booklet for
XYZ(41.1743, 49.9959, 61.4777)
contains.

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Color

**XYZ(41.1503, 50.0007,
61.5151)**

Conversions

Conversions Part 1

Format	Color
Hex	8BC6C7
RGB	139, 198, 199
RGB Percent	55%, 78%, 78%
CMY	0.4549, 0.2235, 0.2196
CMYK	0.30, 0.01, 0.00, 0.22
HSL	181°, 35%, 66%
HSV	181°, 30%, 78%
XYZ	41.1503, 50.0007, 61.5151
YIQ	180.4730, -35.4850, -12.1970

Conversions

Conversions Part 2

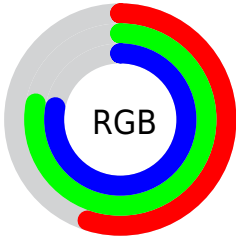
Format	Color
RYB	139, 169, 199
Decimal	9160391
CIELab	76.07, -18.60, -6.60
CIELCh	76, 19.735, 199.527
Yxy	50.0007, 0.2695, 0.3275
Android (android.graphics.Color)	4287350471 (0xFF8BC6C7)
YUV	180.4730, 9.1338, -36.3718
Hunter-Lab	70.7112, -19.8666, -2.0814

Details

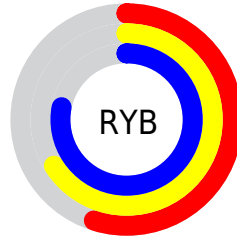
The XYZ color **41.1503, 50.0007, 61.5151** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.5919, 32.7625, 28.7694**, and the grayscale version is **43.6039, 45.8747, 49.9575**.

A 20% lighter version of the original color is **76.0581, 90.2093, 108.0112**, and **18.9218, 23.9693, 30.4173** is the 20% darker color. If you saturate the color by 10%, you get **38.0502, 48.2916, 61.3494**, and if you desaturate by 10%, it is **44.8584, 52.0259, 61.7114**.

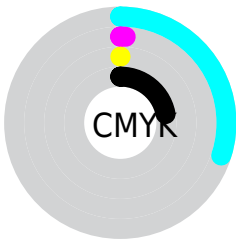
Distribution



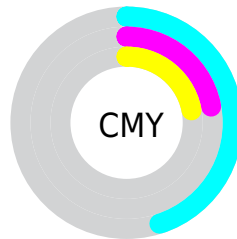
- Red (55%)
- Green (78%)
- Blue (78%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1503, 50.0007, 61.5151 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 41.1503, 50.0007, 61.5151 by changing the saturation by 10% instead.

■ 41.1503, 50.0007,
61.5151

■ 41.1503, 50.0007,
61.5151

342.0003,
386.6687, 448.1189

■ 28.6247, 35.4140,
44.2077

■ 76.1853, 90.1759,
108.5892

■ 18.9400, 23.9819,
30.4955

■ 99.4254, 116.5332,
139.1930

■ 11.7307, 15.3202,
19.9597

■ 126.9677,
147.5827, 175.0661

■ 6.6314, 9.0444,
12.1820

159.1776,
183.7090, 216.6269

■ 3.2770, 4.7702,
6.7437

196.4205,
225.2963, 264.2941

■ 1.3019, 2.1131,
3.2263

239.0617,

■ 0.1846, 0.6720,

272.7291, 318.4861

1.2113

287.4665,
326.3917, 379.6215

■ 0.0000, 0.0000,
0.0000

■ 41.1503, 50.0007,
61.5151

■ 41.1503, 50.0007,
61.5151

■ 38.0502, 48.2916,
61.3494

■ 44.8584, 52.0259,
61.7114

■ 35.5207, 46.8757,
61.2095

■ 49.2003, 54.3769,
61.9363

■ 33.5274, 45.7365,
61.0946

■ 54.2059, 57.0703,
62.1924

■ 32.0303, 44.8533,
61.0031

■ 59.9018, 60.1197,
62.4808

■ 30.9837, 44.2026,
60.9326

■ 66.3131, 63.5383,
62.8027

■ 30.3336, 43.7565,
60.8808

■ 72.2007, 66.6870,
63.1002

■ 29.9797, 43.4651,
60.8432

■ 72.2774, 66.8404,
63.1258

■ 72.3543, 66.9942,
63.1514

■ 72.4313, 67.1482,
63.1771

Harmonies

Analogous

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



40.8877, 50.0007, 50.8341



41.1503, 50.0007, 61.5151



43.0691, 50.0007, 71.3953

Triad

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



41.1503, 50.0007, 61.5151



53.1241, 50.0007, 68.7143



48.8246, 50.0007, 36.8170

Complementary

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



41.1503, 50.0007, 61.5151



37.5919, 32.7625, 28.7694

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.



52.2763, 50.0007, 40.4108



41.1503, 50.0007, 61.5151



54.8425, 50.0007, 58.2173

Square

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



41.1503, 50.0007, 61.5151



49.9336, 50.0007, 75.9094



54.5244, 50.0007, 47.9335



45.1935, 50.0007, 37.4598

Rectangle

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



41.1503, 50.0007, 61.5151



45.0872, 50.0007, 75.7663



54.5244, 50.0007, 47.9335



50.0474, 50.0007, 37.5493

Sweetspot

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



41.1518, 50.0027, 61.5162



86.9833, 95.6610, 108.4876



35.7319, 48.2008, 31.8473



18.3587, 20.3354, 23.2075



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.



41.1518, 50.0027, 61.5162



68.4703, 85.5778, 107.5171



35.1451, 37.9893, 59.5140



10.9310, 12.0361, 13.6646



19.2842, 27.9623, 39.1252



0.9180, 1.3339, 1.8542

Inverse Universe

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



42.9800, 34.6856, 57.8581



72.1780, 54.6476, 100.0686



42.4022, 42.3830, 30.3728



11.0752, 10.8135, 13.3793



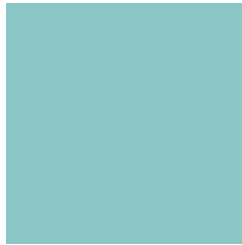
21.5331, 10.3628, 34.3467



1.0221, 0.4917, 1.6394

Previews

White Background



This preview shows how the XYZ color 41.1503, 50.0007, 61.5151 looks on a white background.

Color Contrast Check

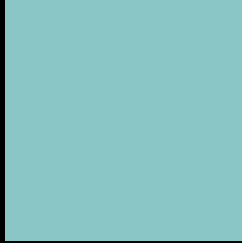
Large Text (above 18pt) WCAG AA × Fail

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 41.1503, 50.0007, 61.5151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

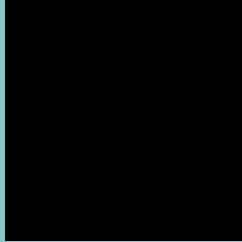
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1503, 50.0007, 61.5151

Background



This preview shows how black text looks on a background with the XYZ color 41.1503, 50.0007, 61.5151.

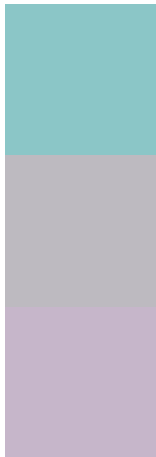


This preview shows how white text looks on a background with the XYZ color 41.1503, 50.0007,

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

41.1503, 50.0007, 61.5151

Protanopia

48.0596, 49.7424, 56.9374

Deuteranopia

50.6773, 49.7259, 62.8042



Tritanopia

42.7789, 49.9841, 69.6806

Trichromacy



Original Color

41.1503, 50.0007, 61.5151

Protanomaly

45.0584, 49.4250, 58.7949

Deuteranomaly

46.6573, 49.5306, 62.3596

Tritanomaly

42.2132, 50.1002, 66.4769

Monochromacy



Original Color

41.1503, 50.0007, 61.5151

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.2570, 47.1278, 53.8831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1503, 50.0007, 61.5151 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, 198, 199)` looks like.

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

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, 198, 199) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 41.1503, 50.0007, 61.5151 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, 198, 199) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 41.1503, 50.0007, 61.5151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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