

Converting Colors

XYZ(41.1064, 48.8440, 48.9766)

Have a look what the booklet for
XYZ(41.1064, 48.8440, 48.9766)
contains.

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Color

**XYZ(41.1322, 48.9260,
48.8707)**

Conversions

Conversions Part 1

Format	Color
Hex	9DC2B1
RGB	157, 194, 177
RGB Percent	62%, 76%, 69%
CMY	0.3843, 0.2392, 0.3059
CMYK	0.19, 0.00, 0.09, 0.24
HSL	152°, 23%, 69%
HSV	152°, 19%, 76%
XYZ	41.1322, 48.9260, 48.8707
YIQ	180.9990, -16.5950, -13.1310

Conversions

Conversions Part 2

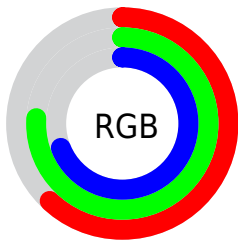
Format	Color
RYB	157, 181, 194
Decimal	10338993
CIELab	75.41, -15.79, 4.47
CIELCh	75, 16.411, 164.210
Yxy	48.9260, 0.2961, 0.3522
Android (android.graphics.Color)	4288529073 (0xFF9DC2B1)
YUV	180.9990, -1.9715, -21.0471
Hunter-Lab	69.9471, -17.4411, 7.5382

Details

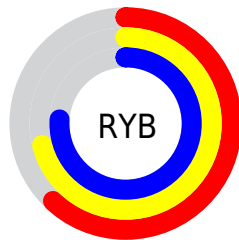
The XYZ color **41.1322, 48.9260, 48.8707** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.9468, 38.6405, 45.2940**, and the grayscale version is **43.9383, 46.2265, 50.3406**.

A 20% lighter version of the original color is **76.3565, 88.8746, 90.2209**, and **18.8419, 23.2147, 22.5566** is the 20% darker color. If you saturate the color by 10%, you get **36.7840, 46.7851, 44.1800**, and if you desaturate by 10%, it is **46.1422, 51.4040, 53.8975**.

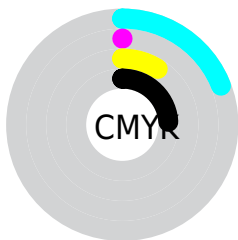
Distribution



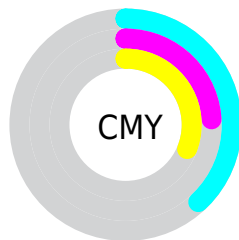
- Red (62%)
- Green (76%)
- Blue (69%)



- Red (62%)
- Yellow (71%)
- Blue (76%)



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (24%)





- Cyan (38%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1322, 48.9260, 48.8707 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 41.1322, 48.9260, 48.8707 by changing the saturation by 10% instead.


 41.1322, 48.9260,
48.8707


 41.1322, 48.9260,
48.8707


341.9260,
382.4509, 398.8409

 28.6105, 34.5608,
34.1520


 76.1580, 88.5815,
89.8784

 18.9292, 23.3247,
22.7321


 99.3928, 114.6406,
117.0045

 11.7228, 14.8335,
14.1924

126.9294,
145.3665, 149.1035

 6.6261, 8.7026,
8.1143

159.1330,
181.1435, 186.5939

 3.2736, 4.5477,
4.0794

196.3692,
222.3561, 229.8944

 1.3001, 1.9844,
1.6690

239.0032,

 0.1833, 0.5984,

269.3886, 279.4233

0.3393

287.4003,
322.6254, 335.5993

■ 0.0000, 0.0000,
0.0000

■ 41.1322, 48.9260,
48.8707

■ 41.1322, 48.9260,
48.8707

■ 36.7840, 46.7851,
44.1800

■ 46.1422, 51.4040,
53.8975

■ 33.0642, 44.9602,
39.8149

■ 51.8374, 54.2271,
59.2640

■ 29.9423, 43.4372,
35.7693

■ 58.2451, 57.4106,
64.9779

■ 27.3838, 42.1982,
32.0353

■ 65.3898, 60.9669,
71.0457

■ 25.3504, 41.2238,
28.6049

■ 73.2948, 64.9080,
77.4736

■ 23.7987, 40.4916,
25.4695

■ 74.8843, 65.5861,
83.9355

■ 22.6777, 39.9756,
22.6201

■ 76.1723, 66.1013,
90.7178

■ 21.9004, 39.6311,
20.0454

■ 77.5253, 66.6424,
97.8425

■ 21.8353, 39.6025,
19.8199

■ 78.5827, 67.0654,
103.4109

Harmonies

Analogous

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



42.5674, 48.9260, 42.2115



41.1322, 48.9260, 48.8707



41.0940, 48.9260, 57.4626

Triad

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



41.1322, 48.9260, 48.8707



47.9438, 48.9260, 71.0882



50.7935, 48.9260, 42.4900

Complementary

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



41.1322, 48.9260, 48.8707



41.9468, 38.6405, 45.2940

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.



52.3663, 48.9260, 49.2904



41.1322, 48.9260, 48.8707



50.6734, 48.9260, 66.1134

Square

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



41.1322, 48.9260, 48.8707



44.9393, 48.9260, 70.9443



52.3214, 48.9260, 57.9301



48.1019, 48.9260, 38.8092

Rectangle

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



41.1322, 48.9260, 48.8707



41.8608, 48.9260, 63.1871



52.3214, 48.9260, 57.9301



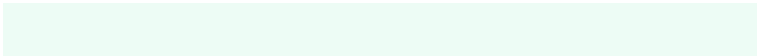
51.4756, 48.9260, 44.4526

Sweetspot

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



41.1336, 48.9280, 48.8718



86.5346, 94.5831, 100.4744



42.8943, 50.0494, 39.2987



18.8038, 20.6402, 21.8630



0.0000, 0.0000, 0.0000



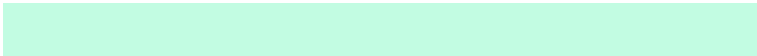
20.3446, 21.4041, 23.3091

Same Dimension

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



41.1336, 48.9280, 48.8718



70.9953, 86.9027, 84.8181



42.6623, 49.1021, 58.2705



10.1670, 11.3478, 11.8826



14.3972, 26.0529, 13.2506



0.6565, 1.1395, 0.7541

Inverse Universe

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



41.9468, 38.6405, 45.2940



72.7460, 64.7594, 77.1189



40.6021, 38.4382, 37.1783



10.2614, 10.1532, 11.4670



15.8574, 8.0327, 7.1613



0.7199, 0.3610, 0.4924

Previews

White Background



This preview shows how the XYZ color 41.1322, 48.9260, 48.8707 looks on a white background.

Color Contrast Check

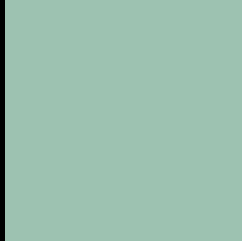
Large Text (above 18pt) WCAG AA × Fail

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 41.1322, 48.9260, 48.8707 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 41.1322, 48.9260, 48.8707

Background



This preview shows how black text looks on a background with the XYZ color 41.1322, 48.9260, 48.8707.



This preview shows how white text looks on a background with the XYZ color 41.1322, 48.9260,

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

41.1322, 48.9260, 48.8707

Protanopia

46.5336, 48.8829, 46.0125

Deuteranopia

49.5352, 48.5146, 49.9335



Tritanopia

44.3332, 48.9161, 64.8627

Trichromacy



Original Color

41.1322, 48.9260, 48.8707

Protanomaly

44.2136, 48.6061, 47.0960

Deuteranomaly

46.0162, 48.2270, 49.5313

Tritanomaly

42.9783, 48.6753, 58.7598

Monochromacy



Original Color

41.1322, 48.9260, 48.8707

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.8104, 47.1838, 50.0310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1322, 48.9260, 48.8707 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(157, 194, 177)` looks like.

```
.text, #text, p{  
    color:rgb(157, 194, 177)  
}
```

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(157, 194, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 194, 177) }
```

Border

The CSS property to change the border of an element to XYZ 41.1322, 48.9260, 48.8707 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(157, 194, 177) }
```


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

```
.border{ border-color:rgb(157, 194, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 194, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 194, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 194, 177);  
box-shadow:4px 4px 4px 4px rgb(157, 194,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1322, 48.9260, 48.8707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 194, 177) }
```

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

```
.background{ background-color: rgb(157,  
194, 177) }
```

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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