

Converting Colors

XYZ(41.5218, 48.7269, 52.0165)

Have a look what the booklet for
XYZ(41.5218, 48.7269, 52.0165)
contains.

XYZ(41.5218, 48.7269, 52.0165)	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(41.5218, 48.7269,
52.0165)**

Conversions

Conversions Part 1

Format	Color
Hex	9DC1B7
RGB	157, 193, 183
RGB Percent	62%, 76%, 72%
CMY	0.3843, 0.2431, 0.2823
CMYK	0.19, 0.00, 0.05, 0.24
HSL	163°, 23%, 69%
HSV	163°, 19%, 76%
XYZ	41.5218, 48.7269, 52.0165
YIQ	181.0960, -18.2460, -10.7420

Conversions

Conversions Part 2

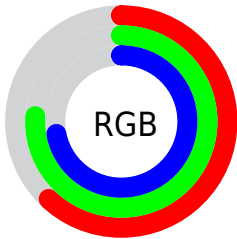
Format	Color
RYB	157, 178, 193
Decimal	10338743
CIELab	75.28, -14.07, 1.03
CIELCh	75, 14.104, 175.796
Yxy	48.7269, 0.2919, 0.3425
Android (android.graphics.Color)	4288528823 (0xFF9DC1B7)
YUV	181.0960, 0.9387, -21.1322
Hunter-Lab	69.8047, -15.9813, 4.6820

Details

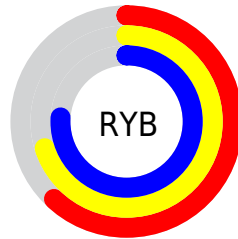
The XYZ color **41.5218, 48.7269, 52.0165** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.0260, 38.2427, 41.7806**, and the grayscale version is **43.9761, 46.2663, 50.3840**.

A 20% lighter version of the original color is **76.9170, 88.6003, 94.7090**, and **19.0876, 23.0802, 24.5680** is the 20% darker color. If you saturate the color by 10%, you get **37.5024, 46.7194, 48.9709**, and if you desaturate by 10%, it is **46.1601, 51.0536, 55.2042**.

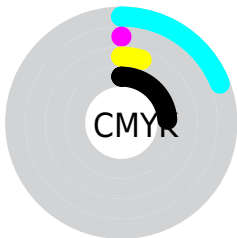
Distribution



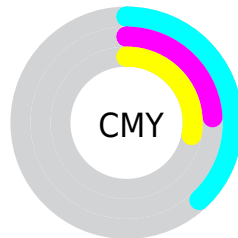
- Red (62%)
- Green (76%)
- Blue (72%)



- Red (62%)
- Yellow (70%)
- Blue (76%)



- Cyan (19%)
- Magenta (0%)
- Yellow (5%)
- Black (24%)



- Cyan (38%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5218, 48.7269, 52.0165 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 41.5218, 48.7269, 52.0165 by changing the saturation by 10% instead.

■ 41.5218, 48.7269,
52.0165

■ 41.5218, 48.7269,
52.0165

343.5222,
381.6662, 411.4591

■ 28.9165, 34.4029,
36.6359

■ 76.7451, 88.2857,
94.5824

■ 19.1616, 23.2033,
24.6321

■ 100.0938,
114.2893, 122.6048

■ 11.8918, 14.7437,
15.5867

127.7543,
144.9549, 155.6782

■ 6.7417, 8.6397,
9.0810

160.0921,
180.6668, 194.2211

■ 3.3460, 4.5069,
4.6965

197.4724,
221.8095, 238.6521

■ 1.3393, 1.9610,
2.0147

240.2606,

■ 0.2123, 0.5847,

268.7674, 289.3897

0.5643

288.8221,
321.9248, 346.8526

■ 0.0000, 0.0000,
0.0000

■ 41.5218, 48.7269,
52.0165

■ 41.5218, 48.7269,
52.0165

■ 37.5024, 46.7194,
48.9709

■ 46.1601, 51.0536,
55.2042

■ 34.0696, 45.0106,
46.0615

■ 51.4394, 53.7070,
58.5331

■ 31.1946, 43.5869,
43.2867

■ 57.3857, 56.7017,
62.0065

■ 28.8441, 42.4312,
40.6438

■ 64.0225, 60.0498,
65.6269

■ 26.9815, 41.5247,
38.1298

■ 71.3720, 63.7628,
69.3964

■ 25.5652, 40.8460,
35.7414

■ 72.5991, 64.3170,
72.9961

■ 24.5463, 40.3699,
33.4749

■ 73.3004, 64.5975,
76.6892

■ 23.8446, 40.0550,
31.3254

■ 74.0246, 64.8872,
80.5024

■ 23.7589, 40.0169,
31.0441

■ 74.7717, 65.1861,
84.4368

Harmonies

Analogous

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



42.3153, 48.7269, 45.4342



41.5218, 48.7269, 52.0165



41.9724, 48.7269, 59.5077

Triad

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



41.5218, 48.7269, 52.0165



48.5148, 48.7269, 66.9618



49.1700, 48.7269, 42.1113

Complementary

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



41.5218, 48.7269, 52.0165



41.0260, 38.2427, 41.7806

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.



50.9439, 48.7269, 47.0871



41.5218, 48.7269, 52.0165



50.5559, 48.7269, 61.4843

Square

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



41.5218, 48.7269, 52.0165



45.9493, 48.7269, 68.5900



51.4603, 48.7269, 54.1079



46.6795, 48.7269, 40.0634

Rectangle

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



41.5218, 48.7269, 52.0165



42.9270, 48.7269, 63.9514



51.4603, 48.7269, 54.1079



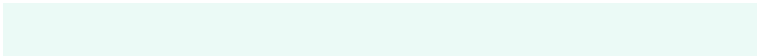
49.8735, 48.7269, 43.4730

Sweetspot

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



41.5232, 48.7289, 52.0176



84.9782, 92.5928, 100.3684



41.1359, 48.8136, 39.1529



18.1020, 19.7996, 21.4493



92.9021, 97.7402, 106.4391



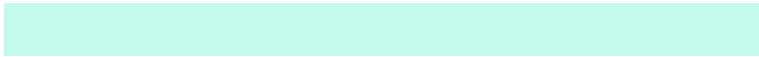
19.4759, 20.4902, 22.3138

Same Dimension

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



41.5232, 48.7289, 52.0176



71.5814, 85.8773, 91.1169



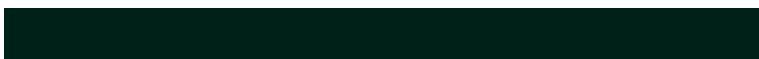
40.9226, 45.8018, 57.1382



10.2453, 11.3792, 12.2950



15.8371, 26.6289, 20.8331



0.7123, 1.1618, 1.0476

Inverse Universe

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



41.0260, 38.2427, 41.7806



70.5435, 63.9637, 69.7296



41.4988, 40.6113, 37.5506



10.1856, 10.1229, 11.0681



15.0941, 7.7274, 3.1418



0.6825, 0.3460, 0.2953

Previews

White Background



This preview shows how the XYZ color 41.5218, 48.7269, 52.0165 looks on a white background.

Color Contrast Check

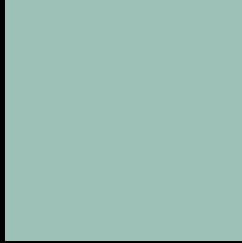
Large Text (above 18pt) WCAG AA × Fail

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 41.5218, 48.7269, 52.0165 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

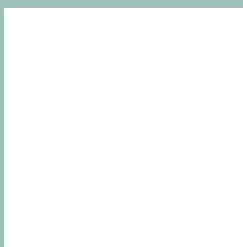
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.5218, 48.7269, 52.0165

Background



This preview shows how black text looks on a background with the XYZ color 41.5218, 48.7269, 52.0165.



This preview shows how white text looks on a background with the XYZ color 41.5218, 48.7269,

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

41.5218, 48.7269, 52.0165

Protanopia

46.4116, 48.4425, 49.0237

Deuteranopia

49.3401, 48.3419, 53.1848



Tritanopia

44.1308, 48.8118, 64.8533

Trichromacy



Original Color

41.5218, 48.7269, 52.0165

Protanomaly

44.3686, 48.3009, 50.1645

Deuteranomaly

46.1471, 48.2229, 52.7747

Tritanomaly

43.2061, 48.7664, 59.9590

Monochromacy



Original Color

41.5218, 48.7269, 52.0165

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.8057, 46.8460, 51.0420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5218, 48.7269, 52.0165 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, 193, 183)` looks like.

```
.text, #text, p{  
    color:rgb(157, 193, 183)  
}
```

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, 193, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 193, 183) }
```

Border

The CSS property to change the border of an element to XYZ 41.5218, 48.7269, 52.0165 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, 193, 183) }
```


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

```
.border{ border-color:rgb(157, 193, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 193, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 193, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 193, 183);  
box-shadow:4px 4px 4px 4px rgb(157, 193,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5218, 48.7269, 52.0165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 193, 183) }
```

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

```
.background{ background-color: rgb(157,  
193, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor