

Converting Colors

XYZ(41.6548, 48.0308, 55.3943)

Have a look what the booklet for
XYZ(41.6548, 48.0308, 55.3943)
contains.

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Color

**XYZ(41.7207, 48.1038,
55.2302)**

Conversions

Conversions Part 1

Format	Color
Hex	9DBFBD
RGB	157, 191, 189
RGB Percent	62%, 75%, 74%
CMY	0.3843, 0.2510, 0.2588
CMYK	0.18, 0.00, 0.01, 0.25
HSL	176°, 21%, 68%
HSV	176°, 18%, 75%
XYZ	41.7207, 48.1038, 55.2302
YIQ	180.6060, -19.6220, -7.8300

Conversions

Conversions Part 2

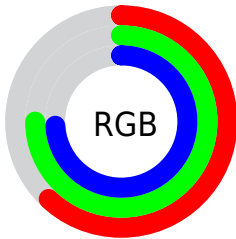
Format	Color
RYB	157, 175, 191
Decimal	10338237
CIELab	74.89, -11.78, -2.80
CIElCh	75, 12.104, 193.353
Yxy	48.1038, 0.2876, 0.3316
Android (android.graphics.Color)	4288528317 (0xFF9DBFBD)
YUV	180.6060, 4.1382, -20.7025
Hunter-Lab	69.3569, -14.0003, 1.3361

Details

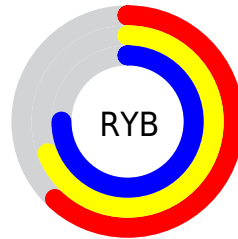
The XYZ color **41.7207, 48.1038, 55.2302** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.8025, 37.6947, 37.9808**, and the grayscale version is **43.6954, 45.9709, 50.0623**.

A 20% lighter version of the original color is **76.8936, 87.1111, 99.1476**, and **19.3581, 22.9578, 26.7036** is the 20% darker color. If you saturate the color by 10%, you get **38.1604, 46.2837, 54.4296**, and if you desaturate by 10%, it is **45.8673, 50.2286, 56.0652**.

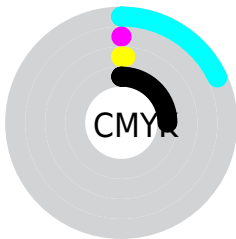
Distribution



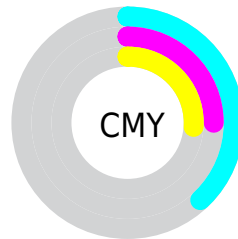
- Red (62%)
- Green (75%)
- Blue (74%)



- Red (62%)
- Yellow (69%)
- Blue (75%)



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (25%)



- Cyan (38%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7207, 48.1038, 55.2302 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 41.7207, 48.1038, 55.2302 by changing the saturation by 10% instead.

■ 41.7207, 48.1038,
55.2302

■ 41.7207, 48.1038,
55.2302

344.3352,
379.2034, 424.0905

■ 29.0728, 33.9091,
39.1862

■ 77.0446, 87.3589,
99.3527

■ 19.2805, 22.8238,
26.5957

■ 100.4512,
113.1881, 128.2683

■ 11.9783, 14.4634,
17.0400

128.1749,
143.6643, 162.3114

■ 6.8010, 8.4437,
10.1008

160.5809,
179.1719, 201.9008

■ 3.3832, 4.3801,
5.3594

198.0345,
220.0951, 247.4548

■ 1.3595, 1.8884,
2.3972

240.9012,

■ 0.2271, 0.5414,

266.8186, 299.3921

0.7849

289.5463,
319.7265, 358.1311

■ 0.0000, 0.0000,
0.0000

■ 41.7207, 48.1038,
55.2302

■ 41.7207, 48.1038,
55.2302

■ 38.1604, 46.2837,
54.4296

■ 45.8673, 50.2286,
56.0652

■ 35.1552, 44.7484,
53.6589

■ 50.6214, 52.6651,
56.9326

■ 32.6774, 43.4849,
52.9177

■ 56.0079, 55.4276,
57.8346

■ 30.6953, 42.4768,
52.2047

■ 62.0494, 58.5276,
58.7722

■ 29.1736, 41.7060,
51.5182

■ 68.7673, 61.9762,
59.7465

■ 28.0725, 41.1519,
50.8562

■ 69.8071, 62.4975,
60.4600

■ 27.3454, 40.7905,
50.2166

■ 69.9355, 62.5489,
61.1358

■ 26.9227, 40.5858,
49.5961

■ 70.0648, 62.6006,
61.8168

■ 26.8449, 40.5486,
49.4610

■ 70.1951, 62.6527,
62.5028

Harmonies

Analogous

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



41.7800, 48.1038, 48.9764



41.7207, 48.1038, 55.2302



42.7085, 48.1038, 61.1583

Triad

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



41.7207, 48.1038, 55.2302



48.6926, 48.1038, 61.7068



46.9460, 48.1038, 41.5881

Complementary

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



41.7207, 48.1038, 55.2302



39.8025, 37.6947, 37.9808

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.



48.8724, 48.1038, 44.4790



41.7207, 48.1038, 55.2302



49.9028, 48.1038, 55.9312

Square

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



41.7207, 48.1038, 55.2302



46.7070, 48.1038, 65.0951



49.9696, 48.1038, 49.6235



44.7494, 48.1038, 41.4335

Rectangle

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



41.7207, 48.1038, 55.2302



43.8468, 48.1038, 63.9906



49.9696, 48.1038, 49.6235



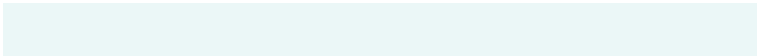
47.6483, 48.1038, 42.2608

Sweetspot

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



41.7221, 48.1058, 55.2313



84.3532, 91.0871, 100.8255



39.0690, 47.0961, 38.9304



18.3948, 19.9361, 22.1164



92.9021, 97.7402, 106.4391



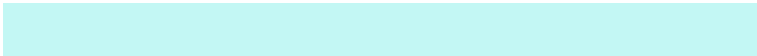
19.4759, 20.4902, 22.3138

Same Dimension

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



41.7221, 48.1058, 55.2313



72.3521, 84.9415, 98.4016



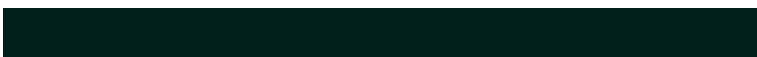
38.8876, 42.0866, 55.3664



9.7837, 10.7996, 12.1102



17.6519, 26.6510, 32.5593



0.6989, 1.0469, 1.3146

Inverse Universe

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



39.8025, 37.6947, 37.9808



68.3345, 63.1492, 62.2955



42.2751, 42.9159, 37.9545



9.5523, 9.5452, 10.0316



14.1712, 7.2997, 0.9294



0.5630, 0.2891, 0.0779

Previews

White Background



This preview shows how the XYZ color 41.7207, 48.1038, 55.2302 looks on a white background.

Color Contrast Check

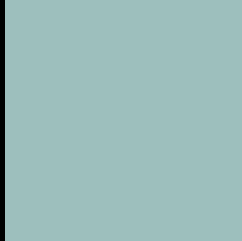
Large Text (above 18pt) WCAG AA × Fail

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 41.7207, 48.1038, 55.2302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

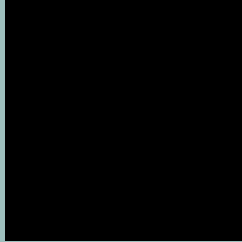
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

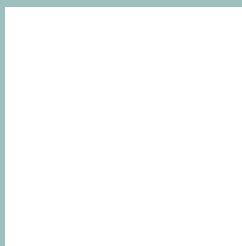
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.7207, 48.1038, 55.2302

Background



This preview shows how black text looks on a background with the XYZ color 41.7207, 48.1038, 55.2302.

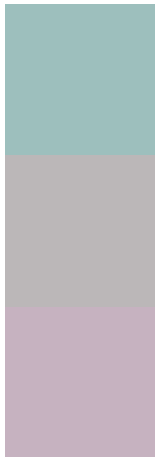


This preview shows how white text looks on a background with the XYZ color 41.7207, 48.1038,

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

41.7207, 48.1038, 55.2302

Protanopia

46.0787, 47.8925, 52.1630

Deuteranopia

48.7235, 47.6523, 56.4990



Tritanopia

43.5939, 48.2284, 64.1381

Trichromacy



Original Color

41.7207, 48.1038, 55.2302

Protanomaly

44.3263, 47.8931, 53.3624

Deuteranomaly

45.8659, 47.6958, 56.0790

Tritanomaly

43.0203, 48.3214, 61.0924

Monochromacy



Original Color

41.7207, 48.1038, 55.2302

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.0139, 46.9293, 52.1386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7207, 48.1038, 55.2302 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, 191, 189)` looks like.

```
.text, #text, p{  
    color:rgb(157, 191, 189)  
}
```

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, 191, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 191, 189) }
```

Border

The CSS property to change the border of an element to XYZ 41.7207, 48.1038, 55.2302 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, 191, 189) }
```


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

```
.border{ border-color:rgb(157, 191, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 191, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 191, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 191, 189);  
box-shadow:4px 4px 4px 4px rgb(157, 191,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7207, 48.1038, 55.2302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 191, 189) }
```

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

```
.background{ background-color: rgb(157,  
191, 189) }
```

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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