

Converting Colors

XYZ(41.4664, 42.1875, 42.4676)

Have a look what the booklet for
XYZ(41.4664, 42.1875, 42.4676)
contains.

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Color

**XYZ(41.5455, 42.2301,
42.5208)**

Conversions

Conversions Part 1

Format	Color
Hex	B9ABA7
RGB	185, 171, 167
RGB Percent	73%, 67%, 65%
CMY	0.2745, 0.3294, 0.3451
CMYK	0.00, 0.08, 0.10, 0.27
HSL	13°, 11%, 69%
HSV	13°, 10%, 73%
XYZ	41.5455, 42.2301, 42.5208
YIQ	174.7300, 9.6280, 1.7240

Conversions

Conversions Part 2

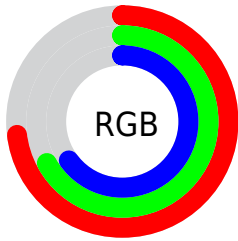
Format	Color
RYB	185, 172, 167
Decimal	12168103
CIELab	71.03, 4.33, 3.86
CIELCh	71, 5.805, 41.716
Yxy	42.2301, 0.3290, 0.3344
Android (android.graphics.Color)	4290358183 (0xFFB9ABA7)
YUV	174.7300, -3.8109, 9.0068
Hunter-Lab	64.9847, 0.3940, 6.6946

Details

The XYZ color **41.5455, 42.2301, 42.5208** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.2170, 44.7652, 52.3675**, and the grayscale version is **40.6245, 42.7402, 46.5440**.

A 20% lighter version of the original color is **76.6568, 78.3674, 80.1934**, and **19.2071, 19.3370, 18.9397** is the 20% darker color. If you saturate the color by 10%, you get **37.3854, 36.4536, 33.2913**, and if you desaturate by 10%, it is **46.2484, 48.6997, 53.1394**.

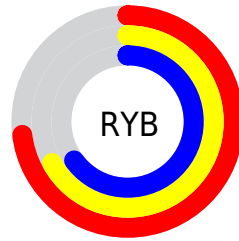
Distribution



Red (73%)

Green (67%)

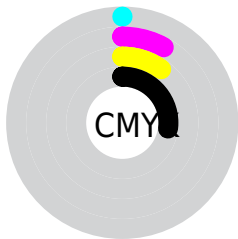
Blue (65%)



Red (73%)

Yellow (67%)

Blue (65%)

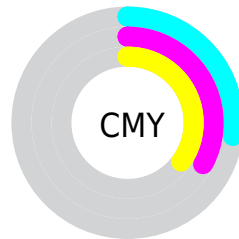


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (27%)



Cyan (27%)


Magenta (33%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5455, 42.2301, 42.5208 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 41.5455, 42.2301, 42.5208 by changing the saturation by 10% instead.


 41.5455, 42.2301,
42.5208


 41.5455, 42.2301,
42.5208


343.6192,
355.4359, 372.5005

 28.9351, 29.2815,
29.1807


 76.7808, 78.5478,
80.2658

 19.1758, 19.2939,
18.9708


 100.1364,
102.6856, 105.5078

 11.9021, 11.8828,
11.4726

127.8045,
131.3220, 135.5542

 6.7488, 6.6639,
6.2675

160.1504,
164.8413, 170.8234

 3.3504, 3.2528,
2.9370

197.5394,
203.6280, 211.7342

 1.3417, 1.2651,
1.0626

240.3370,

 0.2141, 0.1139,

248.0664, 258.7049

0.0000

288.9085,
298.5409, 312.1541

■ 0.0000, 0.0000,
0.0000

■ 41.5455, 42.2301,
42.5208

■ 41.5455, 42.2301,
42.5208

■ 37.3854, 36.4536,
33.2913

■ 46.2484, 48.6997,
53.1394

■ 33.7449, 31.3417,
25.3905

■ 51.5093, 55.8787,
65.1985

■ 30.6040, 26.8718,
18.7578

■ 57.3472, 63.7899,
78.7504

■ 27.9404, 23.0184,
13.3266

■ 63.7792, 72.4534,
93.8437

■ 25.7298, 19.7538,
9.0242

■ 70.0880, 81.5949,
106.6631

■ 23.9458, 17.0484,
5.7701

■ 73.8177, 89.0544,
107.9063

■ 22.5589, 14.8698,
3.4730

■ 21.5356, 13.1820,
2.0255

■ 20.8220, 11.9386,
1.2213

Harmonies

Analogous

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



41.9908, 42.2301, 44.9062



41.5455, 42.2301, 42.5208



40.7259, 42.2301, 41.0980

Triad

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



41.5455, 42.2301, 42.5208



38.3950, 42.2301, 44.3274



40.5180, 42.2301, 51.4073

Complementary

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



41.5455, 42.2301, 42.5208



41.2170, 44.7652, 52.3675

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.



39.5567, 42.2301, 51.2370



41.5455, 42.2301, 42.5208



38.3414, 42.2301, 47.0736

Square

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



41.5455, 42.2301, 42.5208



38.9112, 42.2301, 42.1118



38.7635, 42.2301, 49.6248



41.3912, 42.2301, 50.0811

Rectangle

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



41.5455, 42.2301, 42.5208



40.0827, 42.2301, 40.8508



38.7635, 42.2301, 49.6248



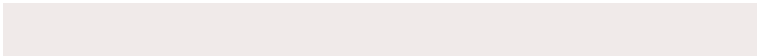
40.1943, 42.2301, 51.5246

Sweetspot

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



41.5467, 42.2320, 42.5217



79.9250, 83.2353, 88.5771



42.1775, 41.2926, 49.5176



17.0822, 17.7404, 18.7605



88.6918, 93.3107, 101.6153



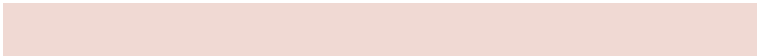
17.8044, 18.7317, 20.3988

Same Dimension

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



41.5467, 42.2320, 42.5217



72.4821, 72.9705, 71.8504



43.2842, 45.7069, 43.1009



9.1623, 9.3276, 9.4244



14.2126, 8.2015, 0.8340



0.5480, 0.3830, 0.0450

Inverse Universe

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



41.2170, 44.7652, 52.3675



71.7539, 78.5622, 93.5868



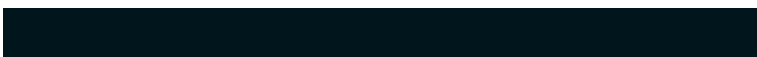
39.4654, 41.2620, 51.7836



9.0927, 9.8626, 11.5039



12.7946, 16.0488, 33.6765



0.4935, 0.6507, 1.2013

Previews

White Background



This preview shows how the XYZ color 41.5455, 42.2301, 42.5208 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 41.5455, 42.2301, 42.5208 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 41.5455, 42.2301, 42.5208

Background



This preview shows how black text looks on a background with the XYZ color 41.5455, 42.2301, 42.5208.



This preview shows how white text looks on a background with the XYZ color 41.5455, 42.2301,

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

41.5455, 42.2301, 42.5208

Protanopia

40.3716, 42.1793, 43.0594

Deuteranopia

43.0628, 42.1699, 42.9157



Tritanopia

43.1250, 42.3181, 50.1513

Trichromacy



Original Color

41.5455, 42.2301, 42.5208

Protanomaly

40.8765, 42.1560, 43.0283

Deuteranomaly

42.4911, 42.1502, 42.9421

Tritanomaly

42.5602, 42.3629, 47.5287

Monochromacy



Original Color

41.5455, 42.2301, 42.5208

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.1729, 42.8344, 45.1275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5455, 42.2301, 42.5208 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(185, 171, 167)` looks like.

```
.text, #text, p{  
    color:rgb(185, 171, 167)  
}
```

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(185, 171, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 171, 167) }
```

Border

The CSS property to change the border of an element to XYZ 41.5455, 42.2301, 42.5208 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(185, 171, 167) }
```


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

```
.border{ border-color:rgb(185, 171, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 171, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 171, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 171, 167);  
box-shadow:4px 4px 4px 4px rgb(185, 171,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5455, 42.2301, 42.5208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 171, 167) }
```

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

```
.background{ background-color: rgb(185,  
171, 167) }
```

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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