

Converting Colors

XYZ(41.8101, 42.1709, 47.4124)

Have a look what the booklet for
XYZ(41.8101, 42.1709, 47.4124)
contains.

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Color

**XYZ(41.7901, 42.2452,
47.5465)**

Conversions

Conversions Part 1

Format	Color
Hex	B6ABB1
RGB	182, 171, 177
RGB Percent	71%, 67%, 69%
CMY	0.2863, 0.3294, 0.3059
CMYK	0.00, 0.06, 0.03, 0.29
HSL	327°, 7%, 69%
HSV	327°, 6%, 71%
XYZ	41.7901, 42.2452, 47.5465
YIQ	174.9730, 4.6300, 4.1980

Conversions

Conversions Part 2

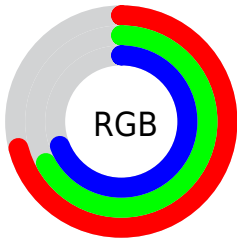
Format	Color
RYB	182, 171, 177
Decimal	11971505
CIELab	71.04, 5.03, -1.67
CIELCh	71, 5.300, 341.684
Yxy	42.2452, 0.3176, 0.3211
Android (android.graphics.Color)	4290161585 (0xFFB6ABB1)
YUV	174.9730, 0.9993, 6.1627
Hunter-Lab	64.9963, 1.0250, 2.1252

Details

The XYZ color **41.7901, 42.2452, 47.5465** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.3606, 45.2495, 47.6306**, and the grayscale version is **40.7279, 42.8489, 46.6625**.

A 20% lighter version of the original color is **77.1642, 78.4530, 88.1668**, and **19.2882, 19.3160, 21.7805** is the 20% darker color. If you saturate the color by 10%, you get **37.7866, 35.5179, 42.2655**, and if you desaturate by 10%, it is **46.3194, 49.9429, 53.2506**.

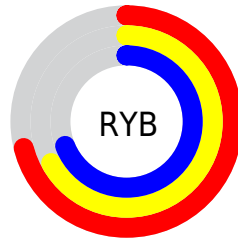
Distribution



Red (71%)

Green (67%)

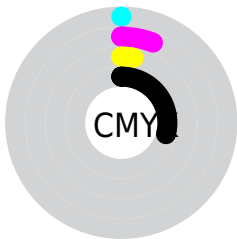
Blue (69%)



Red (71%)

Yellow (67%)

Blue (69%)

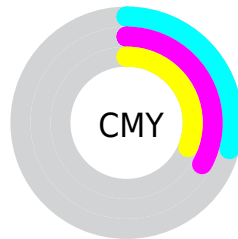


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7901, 42.2452, 47.5465 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 41.7901, 42.2452, 47.5465 by changing the saturation by 10% instead.

■ 41.7901, 42.2452,
47.5465

■ 41.7901, 42.2452,
47.5465

344.6185,
355.4984, 393.4485

■ 29.1274, 29.2933,
33.1105

■ 77.1490, 78.5706,
87.8873

■ 19.3220, 19.3028,
21.9393

100.5759,
102.7129, 114.6292

■ 12.0085, 11.8893,
13.6144

128.3215,
131.3542, 146.3100

■ 6.8217, 6.6683,
7.7173

160.7513,
164.8788, 183.3484

■ 3.3962, 3.2556,
3.8294

198.2305,
203.6711, 226.1629

■ 1.3666, 1.2666,
1.5322

241.1245,

■ 0.2322, 0.1151,

248.1155, 275.1721

0.2418

289.7988,
298.5965, 330.7944

■ 0.0000, 0.0000,
0.0000

■ 41.7901, 42.2452,
47.5465

■ 41.7901, 42.2452,
47.5465

■ 37.7866, 35.5179,
42.2655

■ 46.3194, 49.9429,
53.2506

■ 34.2852, 29.7168,
37.3938

■ 51.3899, 58.6420,
59.3857

■ 31.2656, 24.8021,
32.9207

■ 57.0208, 68.3792,
65.9627

■ 28.7049, 20.7294,
28.8340

■ 63.2291, 79.1873,
72.9913

■ 26.5780, 17.4500,
25.1206

■ 67.7559, 86.5469,
79.7226

■ 24.8573, 14.9106,
21.7665

■ 68.8688, 86.9921,
85.5828

■ 23.5119, 13.0509,
18.7563

■ 70.0365, 87.4592,
91.7320

■ 22.5062, 11.8012,
16.0729

■ 71.2599, 87.9485,
98.1741

■ 21.7942, 11.0713,
13.6956

■ 72.5396, 88.4604,
104.9130

Harmonies

Analogous

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



41.2952, 42.2452, 49.7345



41.7901, 42.2452, 47.5465



41.8425, 42.2452, 45.0179

Triad

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



41.7901, 42.2452, 47.5465



39.8092, 42.2452, 41.3883



38.8952, 42.2452, 49.3157

Complementary

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



41.7901, 42.2452, 47.5465



41.3606, 45.2495, 47.6306

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.



38.5093, 42.2452, 46.9919



41.7901, 42.2452, 47.5465



39.0317, 42.2452, 42.4532

Square

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



41.7901, 42.2452, 47.5465



40.6900, 42.2452, 41.5245



38.5588, 42.2452, 44.4832



39.6204, 42.2452, 50.7815

Rectangle

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



41.7901, 42.2452, 47.5465



41.6184, 42.2452, 43.4852



38.5588, 42.2452, 44.4832



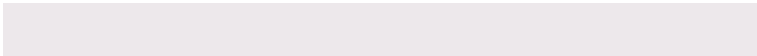
38.7220, 42.2452, 48.6055

Sweetspot

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



41.7913, 42.2470, 47.5474



78.9409, 81.9708, 90.2536



40.9012, 41.7295, 50.1554



17.4545, 18.1369, 19.9582



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.



41.7913, 42.2470, 47.5474



74.9399, 75.1965, 85.1350



41.2590, 42.0341, 44.7444



9.3801, 9.3889, 10.6508



15.2561, 7.6762, 9.2356



0.5686, 0.2829, 0.4877

Inverse Universe

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



41.7913, 42.2470, 47.5474



74.9399, 75.1965, 85.1350



41.9106, 45.4695, 50.5268



9.3801, 9.3889, 10.6508



15.2561, 7.6762, 9.2356



0.5686, 0.2829, 0.4877

Previews

White Background



This preview shows how the XYZ color 41.7901, 42.2452, 47.5465 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 41.7901, 42.2452, 47.5465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

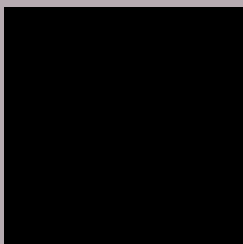
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

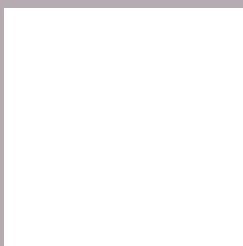
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.7901, 42.2452, 47.5465

Background



This preview shows how black text looks on a background with the XYZ color 41.7901, 42.2452, 47.5465.



This preview shows how white text looks on a background with the XYZ color 41.7901, 42.2452,

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

41.7901, 42.2452, 47.5465

Protanopia

40.8839, 42.3316, 48.1355

Deuteranopia

43.1100, 42.3691, 47.5009



Tritanopia

42.4504, 42.2356, 50.7147

Trichromacy



Original Color

41.7901, 42.2452, 47.5465

Protanomaly

41.1485, 42.1844, 48.0931

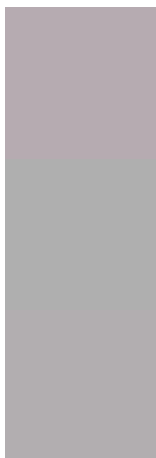
Deuteranomaly

42.5602, 42.3629, 47.5287

Tritanomaly

42.2437, 42.1529, 49.6259

Monochromacy



Original Color

41.7901, 42.2452, 47.5465

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.3326, 42.8717, 47.1709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7901, 42.2452, 47.5465 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(182, 171, 177)` looks like.

```
.text, #text, p{  
    color:rgb(182, 171, 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(182, 171, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 171, 177) }
```

Border

The CSS property to change the border of an element to XYZ 41.7901, 42.2452, 47.5465 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(182, 171, 177) }
```


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

```
.border{ border-color:rgb(182, 171, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 171, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 171, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 171, 177); box-shadow:4px 4px 4px 4px rgb(182, 171, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7901, 42.2452, 47.5465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 171, 177) }
```

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

```
.background{ background-color: rgb(182,  
171, 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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