

Converting Colors

XYZ(41.9828, 43.0509, 43.5039)

Have a look what the booklet for
XYZ(41.9828, 43.0509, 43.5039)
contains.

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Color

**XYZ(41.8722, 42.9421,
43.6179)**

Conversions

Conversions Part 1

Format	Color
Hex	B8ADA9
RGB	184, 173, 169
RGB Percent	72%, 68%, 66%
CMY	0.2784, 0.3216, 0.3372
CMYK	0.00, 0.06, 0.08, 0.28
HSL	16°, 10%, 69%
HSV	16°, 8%, 72%
XYZ	41.8722, 42.9421, 43.6179
YIQ	175.8330, 7.8400, 1.0880

Conversions

Conversions Part 2

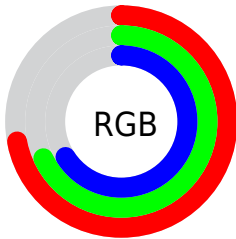
Format	Color
RYB	184, 174, 169
Decimal	12103081
CIELab	71.52, 3.23, 3.45
CIELCh	72, 4.729, 46.938
Yxy	42.9421, 0.3260, 0.3344
Android (android.graphics.Color)	4290293161 (0xFFB8ADA9)
YUV	175.8330, -3.3687, 7.1625
Hunter-Lab	65.5302, -0.6208, 6.4068

Details

The XYZ color **41.8722, 42.9421, 43.6179** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.3351, 44.5375, 51.7659**, and the grayscale version is **41.1950, 43.3404, 47.1976**.

A 20% lighter version of the original color is **77.1331, 79.3939, 81.7802**, and **19.4083, 19.7844, 19.6255** is the 20% darker color. If you saturate the color by 10%, you get **37.8079, 37.3858, 34.3321**, and if you desaturate by 10%, it is **46.4432, 49.1218, 54.2730**.

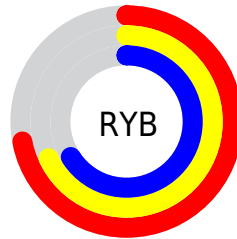
Distribution



Red (72%)

Green (68%)

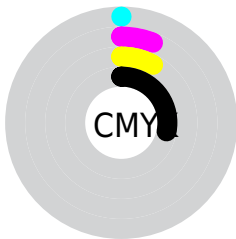
Blue (66%)



Red (72%)

Yellow (68%)

Blue (66%)

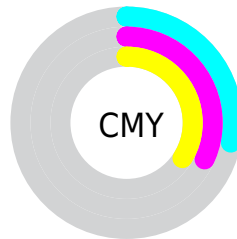


Cyan (0%)

Magenta (6%)

Yellow (8%)

Black (28%)



Cyan (28%)

Magenta (32%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8722, 42.9421, 43.6179 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 41.8722, 42.9421, 43.6179 by changing the saturation by 10% instead.

■ 41.8722, 42.9421,
43.6179

■ 41.8722, 42.9421,
43.6179

344.9535,
358.3736, 377.1424

■ 29.1919, 29.8397,
30.0352

■ 77.2725, 79.6235,
81.9388

■ 19.3711, 19.7169,
19.6131

100.7233,
103.9712, 107.5141

■ 12.0443, 12.1895,
11.9328

128.4949,
132.8362, 137.9241

■ 6.8463, 6.8728,
6.5760

160.9528,
166.6029, 173.5872

■ 3.4116, 3.3827,
3.1240

198.4622,
205.6555, 214.9221

■ 1.3750, 1.3346,
1.1583

241.3886,

■ 0.2383, 0.1678,

250.3786, 262.3472

0.0000

290.0972,
301.1565, 316.2811

0.0000, 0.0000,
0.0000

41.8722, 42.9421,
43.6179

41.8722, 42.9421,
43.6179

37.8079, 37.3858,
34.3321

46.4432, 49.1218,
54.2730

34.2289, 32.4277,
26.3571

51.5342, 55.9378,
66.3471

31.1176, 28.0493,
19.6343

57.1626, 63.4098,
79.8910

28.4537, 24.2289,
14.0993

63.3436, 71.5547,
94.9519

26.2156, 20.9435,
9.6821

69.1104, 79.9966,
106.4061

■ 24.3796, 18.1683,
6.3055

■ 73.2403, 88.2562,
107.7827

■ 22.9196, 15.8765,
3.8819

■ 73.5774, 88.9305,
107.8951

■ 21.8058, 14.0386,
2.3094

■ 20.9963, 12.6184,
1.4266

Harmonies

Analogous

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



42.3012, 42.9421, 45.4876



41.8722, 42.9421, 43.6179



41.1631, 42.9421, 42.6039

Triad

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



41.8722, 42.9421, 43.6179



39.3382, 42.9421, 45.7702



41.2640, 42.9421, 51.0892

Complementary

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



41.8722, 42.9421, 43.6179



41.3351, 44.5375, 51.7659

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.



40.4693, 42.9421, 51.1709



41.8722, 42.9421, 43.6179



39.3644, 42.9421, 48.0491

Square

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



41.8722, 42.9421, 43.6179



39.7040, 42.9421, 43.8189



39.7761, 42.9421, 50.0425



41.9469, 42.9421, 49.8228

Rectangle

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



41.8722, 42.9421, 43.6179



40.6300, 42.9421, 42.5273



39.7761, 42.9421, 50.0425



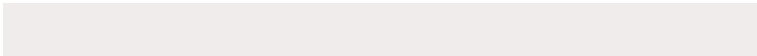
41.0009, 42.9421, 51.2575

Sweetspot

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



41.8734, 42.9440, 43.6188



80.8641, 84.5633, 90.5864



42.1939, 41.8622, 49.0369



17.4519, 18.2561, 19.5736



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.



41.8734, 42.9440, 43.6188



74.3483, 75.7269, 75.4811



43.3515, 45.9003, 44.1115



9.1944, 9.3917, 9.4351



14.4342, 8.6448, 0.9078



0.5615, 0.4101, 0.0496

Inverse Universe

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



41.3351, 44.5375, 51.7659



73.1475, 79.2806, 93.6520



39.8624, 41.5921, 51.2750



9.0584, 9.7941, 11.4925



11.9840, 14.4277, 33.4063



0.4704, 0.6045, 1.1936

Previews

White Background



This preview shows how the XYZ color 41.8722, 42.9421, 43.6179 looks on a white background.

Color Contrast Check

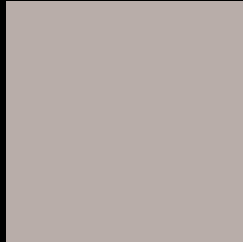
Large Text (above 18pt) WCAG AA × Fail

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 41.8722, 42.9421, 43.6179 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 41.8722, 42.9421, 43.6179

Background



This preview shows how black text looks on a background with the XYZ color 41.8722, 42.9421, 43.6179.



This preview shows how white text looks on a background with the XYZ color 41.8722, 42.9421,

43.6179.

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

41.8722, 42.9421, 43.6179

Protanopia

41.2141, 42.8777, 44.1342

Deuteranopia

43.6918, 42.7475, 43.9785



Tritanopia

43.4643, 43.0256, 51.3614

Trichromacy



Original Color

41.8722, 42.9421, 43.6179

Protanomaly

41.4478, 42.9981, 44.1451

Deuteranomaly

42.8656, 42.5989, 43.9934

Tritanomaly

42.8968, 43.0740, 48.7010

Monochromacy



Original Color

41.8722, 42.9421, 43.6179

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.4632, 43.2608, 45.7000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8722, 42.9421, 43.6179 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(184, 173, 169)` looks like.

```
.text, #text, p{  
    color:rgb(184, 173, 169)  
}
```

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(184, 173, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 173, 169) }
```

Border

The CSS property to change the border of an element to XYZ 41.8722, 42.9421, 43.6179 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(184, 173, 169) }
```


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

```
.border{ border-color:rgb(184, 173, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 173, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 173, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 173, 169);  
box-shadow:4px 4px 4px 4px rgb(184, 173,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8722, 42.9421, 43.6179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 173, 169) }
```

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

```
.background{ background-color: rgb(184,  
173, 169) }
```

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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