

Converting Colors

XYZ(41.2602, 42.2247, 48.6324)

Have a look what the booklet for
XYZ(41.2602, 42.2247, 48.6324)
contains.

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Color

**XYZ(41.2493, 42.2247,
48.6239)**

Conversions

Conversions Part 1

Format	Color
Hex	B2ACB3
RGB	178, 172, 179
RGB Percent	70%, 67%, 70%
CMY	0.3020, 0.3255, 0.2980
CMYK	0.01, 0.04, 0.00, 0.30
HSL	291°, 4%, 69%
HSV	291°, 4%, 70%
XYZ	41.2493, 42.2247, 48.6239
YIQ	174.5920, 1.3290, 3.4490

Conversions

Conversions Part 2

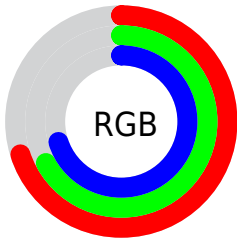
Format	Color
RYB	178, 172, 179
Decimal	11709619
CIELab	71.03, 3.45, -2.83
CIELCh	71, 4.457, 320.624
Yxy	42.2247, 0.3123, 0.3196
Android (android.graphics.Color)	4289899699 (0xFFB2ACB3)
YUV	174.5920, 2.1731, 2.9888
Hunter-Lab	64.9805, -0.4051, 1.1206

Details

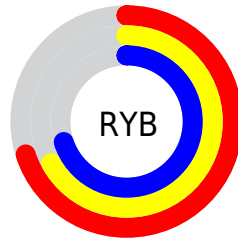
The XYZ color **41.2493, 42.2247, 48.6239** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.8016, 44.1041, 45.3943**, and the grayscale version is **40.5265, 42.6370, 46.4317**.

A 20% lighter version of the original color is **76.3962, 78.4288, 89.7090**, and **18.9398, 19.2993, 22.4656** is the 20% darker color. If you saturate the color by 10%, you get **37.4884, 35.5656, 47.5374**, and if you desaturate by 10%, it is **45.4824, 49.8108, 49.8657**.

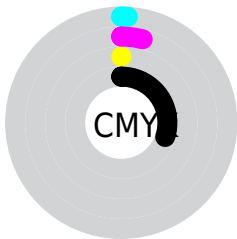
Distribution



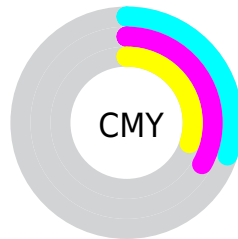
- Red (70%)
- Green (67%)
- Blue (70%)



- Red (70%)
- Yellow (67%)
- Blue (70%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (30%)



- Cyan (30%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2493, 42.2247, 48.6239 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 41.2493, 42.2247, 48.6239 by changing the saturation by 10% instead.

■ 41.2493, 42.2247,
48.6239

■ 41.2493, 42.2247,
48.6239

342.4063,
355.4136, 397.8396

■ 28.7025, 29.2773,
33.9577

■ 76.3345, 78.5396,
89.5078

■ 18.9990, 19.2907,
22.5840

99.6036, 102.6758,
116.5626

■ 11.7736, 11.8805,
14.0843

127.1775,
131.3105, 148.5841

■ 6.6608, 6.6624,
8.0399

159.4215,
164.8279, 185.9907

■ 3.2953, 3.2519,
4.0323

196.7011,
203.6126, 229.2010

■ 1.3118, 1.2646,
1.6431

239.3815,

■ 0.1920, 0.1135,

248.0488, 278.6336

0.3213

287.8281,
298.5210, 334.7069

■ 0.0000, 0.0000,
0.0000

■ 41.2493, 42.2247,
48.6239

■ 41.2493, 42.2247,
48.6239

■ 37.4884, 35.5656,
47.5374

■ 45.4824, 49.8108,
49.8657

■ 34.1779, 29.7917,
46.5974

■ 50.2014, 58.3529,
51.2658

■ 31.2994, 24.8658,
45.7983

■ 55.4238, 67.8854,
52.8305

■ 28.8321, 20.7462,
45.1332

■ 61.1653, 78.4395,
54.5650

■ 26.7532, 17.3875,
44.5945

■ 65.3303, 85.8241,
55.7709

■ 25.0377, 14.7399,
44.1739

■ 65.9784, 86.1582,
55.8012

■ 23.6576, 12.7475,
43.8620

■ 66.6378, 86.4981,
55.8320

■ 22.5809, 11.3460,
43.6483

■ 67.3085, 86.8439,
55.8634

■ 21.7688, 10.4583,
43.5197

■ 67.9906, 87.1955,
55.8954

Harmonies

Analogous

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



40.6393, 42.2247, 49.9175



41.2493, 42.2247, 48.6239



41.5613, 42.2247, 46.6462

Triad

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



41.2493, 42.2247, 48.6239



40.3668, 42.2247, 42.0506



38.8093, 42.2247, 47.4338

Complementary

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



41.2493, 42.2247, 48.6239



40.8016, 44.1041, 45.3943

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.



38.7384, 42.2247, 45.3113



41.2493, 42.2247, 48.6239



39.6315, 42.2247, 42.2468

Square

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



41.2493, 42.2247, 48.6239



41.0477, 42.2247, 42.8807



39.0376, 42.2247, 43.4251



39.2326, 42.2247, 49.2157

Rectangle

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



41.2493, 42.2247, 48.6239



41.5558, 42.2247, 45.2243



39.0376, 42.2247, 43.4251



38.7437, 42.2247, 46.7350

Sweetspot

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



41.2505, 42.2265, 48.6248



75.9815, 79.3809, 87.6986



40.1049, 41.9336, 48.6287



16.8425, 17.6026, 19.4322



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



41.2505, 42.2265, 48.6248



73.0425, 74.1386, 86.8416



41.2352, 42.2470, 47.3425



9.0464, 9.1483, 10.7953



15.1308, 7.1360, 30.7169



0.5086, 0.2413, 0.9680

Inverse Universe

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



40.8872, 42.1078, 45.5099



72.2047, 73.8654, 79.6333



40.8188, 44.0855, 46.6344



8.9323, 9.1111, 9.8116



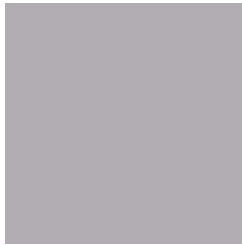
13.2804, 6.8297, 1.3706



0.4333, 0.2211, 0.1245

Previews

White Background



This preview shows how the XYZ color 41.2493, 42.2247, 48.6239 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 41.2493, 42.2247, 48.6239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

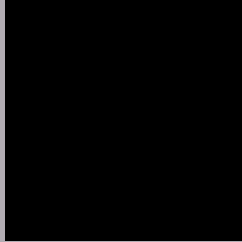
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2493, 42.2247, 48.6239

Background



This preview shows how black text looks on a background with the XYZ color 41.2493, 42.2247, 48.6239.

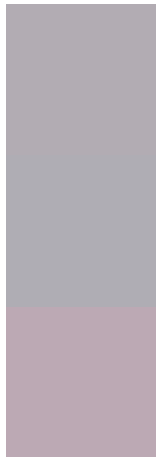


This preview shows how white text looks on a background with the XYZ color 41.2493, 42.2247,

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

41.2493, 42.2247, 48.6239

Protanopia

40.8610, 42.2964, 49.1904

Deuteranopia

43.1652, 42.3626, 49.0818



Tritanopia

41.9103, 42.2123, 51.8378

Trichromacy



Original Color

41.2493, 42.2247, 48.6239

Protanomaly

41.0863, 42.4125, 49.2010

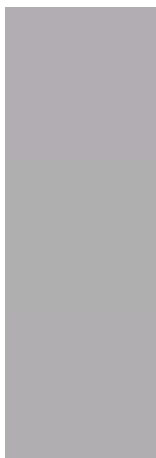
Deuteranomaly

42.3801, 42.2351, 49.0985

Tritanomaly

41.7006, 42.1284, 50.7335

Monochromacy



Original Color

41.2493, 42.2247, 48.6239

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.8770, 42.6368, 47.1496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2493, 42.2247, 48.6239 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(178, 172, 179) looks like.

```
.text, #text, p{  
    color:rgb(178, 172, 179)  
}
```

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(178, 172, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 172, 179) }
```

Border

The CSS property to change the border of an element to XYZ 41.2493, 42.2247, 48.6239 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(178, 172, 179) }
```


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

```
.border{ border-color:rgb(178, 172, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 172, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 172, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 172, 179);  
box-shadow:4px 4px 4px 4px rgb(178, 172,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2493, 42.2247, 48.6239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 172, 179) }
```

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

```
.background{ background-color: rgb(178,  
172, 179) }
```

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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