

Converting Colors

XYZ(42.3079, 44.2721, 49.8391)

Have a look what the booklet for
XYZ(42.3079, 44.2721, 49.8391)
contains.

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Color

**XYZ(42.1941, 44.1276,
50.0097)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B1B5
RGB	177, 177, 181
RGB Percent	69%, 69%, 71%
CMY	0.3059, 0.3059, 0.2902
CMYK	0.02, 0.02, 0.00, 0.29
HSL	240°, 3%, 70%
HSV	240°, 2%, 71%
XYZ	42.1941, 44.1276, 50.0097
YIQ	177.4560, -1.2840, 1.2440

Conversions

Conversions Part 2

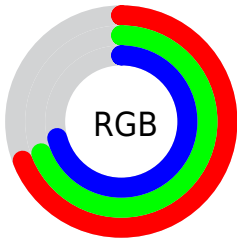
Format	Color
RYB	177, 177, 181
Decimal	11645365
CIELab	72.31, 0.76, -2.05
CIElCh	72, 2.182, 290.416
Yxy	44.1276, 0.3095, 0.3237
Android (android.graphics.Color)	4289835445 (0xFFB1B1B5)
YUV	177.4560, 1.7472, -0.3999
Hunter-Lab	66.4286, -2.8705, 1.8645

Details

The XYZ color **42.1941, 44.1276, 50.0097** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.5158, 46.0453, 48.1897**, and the grayscale version is **42.0224, 44.2108, 48.1456**.

A 20% lighter version of the original color is **78.0292, 81.7159, 91.7809**, and **19.4161, 20.2589, 23.3091** is the 20% darker color. If you saturate the color by 10%, you get **35.0031, 35.4651, 48.7173**, and if you desaturate by 10%, it is **50.4079, 54.0227, 51.4874**.

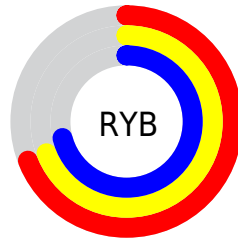
Distribution



Red (69%)

Green (69%)

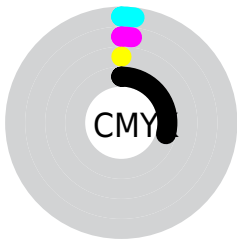
Blue (71%)



Red (69%)

Yellow (69%)

Blue (71%)

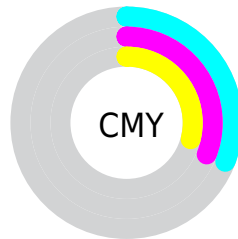


Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1941, 44.1276, 50.0097 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 42.1941, 44.1276, 50.0097 by changing the saturation by 10% instead.

■ 42.1941, 44.1276,
50.0097

■ 42.1941, 44.1276,
50.0097

346.2649,
363.2287, 403.4400

■ 29.4451, 30.7708,
35.0499

■ 77.7566, 81.4097,
91.5857

■ 19.5637, 20.4244,
23.4174

101.3008,
106.1039, 119.0390

■ 12.1847, 12.7039,
14.6938

129.1742,
135.3459, 151.4938

■ 6.9427, 7.2250,
8.4606

161.7420,
169.5203, 189.3687

■ 3.4723, 3.6032,
4.2991

199.3696,
209.0113, 233.0822

■ 1.4082, 1.4542,
1.7908

242.4224,

■ 0.2620, 0.2561,

254.2035, 283.0529

0.4219

291.2657,
305.4812, 339.6993

■ 0.0000, 0.0000,
0.0000

■ 42.1941, 44.1276,
50.0097

■ 42.1941, 44.1276,
50.0097

■ 35.0031, 35.4651,
48.7173

■ 50.4079, 54.0227,
51.4874

■ 28.7914, 27.9816,
47.6003

■ 59.6785, 65.1902,
53.1543

■ 23.5176, 21.6279,
46.6518

■ 70.0428, 77.6749,
55.0179

■ 19.1364, 16.3491,
45.8639

■ 81.5349, 91.5178,
57.0841

■ 15.5983, 12.0859,
45.2274

■ 85.3406, 96.1162,
57.7711

■ 12.8492, 8.7729,
44.7329

■ 10.8286, 6.3375,
44.3693

■ 9.4675, 4.6965,
44.1243

■ 8.6834, 3.7506,
43.9830

Harmonies

Analogous

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



41.8220, 44.1276, 50.1134



42.1941, 44.1276, 50.0097



42.5004, 44.1276, 49.3759

Triad

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



42.1941, 44.1276, 50.0097



42.4033, 44.1276, 46.4728



41.2347, 44.1276, 47.7043

Complementary

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



42.1941, 44.1276, 50.0097



43.5158, 46.0453, 48.1897

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.



41.3885, 44.1276, 46.7430



42.1941, 44.1276, 50.0097



42.0622, 44.1276, 46.0390

Square

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



42.1941, 44.1276, 50.0097



42.6216, 44.1276, 47.3304



41.6908, 44.1276, 46.1372



41.2695, 44.1276, 48.7717

Rectangle

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



42.1941, 44.1276, 50.0097



42.6253, 44.1276, 48.7432



41.6908, 44.1276, 46.1372



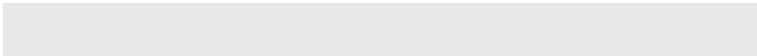
41.2660, 44.1276, 47.3583

Sweetspot

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



42.1954, 44.1295, 50.0107



77.2275, 81.0307, 89.8648



42.9897, 45.7290, 50.2417



16.7081, 17.5334, 19.4259



86.6293, 91.1408, 99.2523



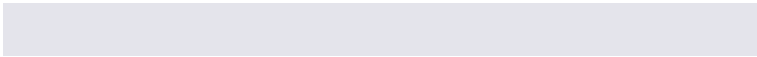
17.0014, 17.8868, 19.4787

Same Dimension

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



42.1954, 44.1295, 50.0107



74.4183, 77.6465, 89.3596



42.6383, 44.3569, 50.0312



8.9246, 9.2938, 10.8298



5.7510, 2.3024, 30.2783



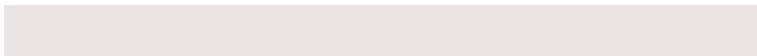
0.1811, 0.0728, 0.9527

Inverse Universe

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



42.7150, 44.4432, 47.9243



75.6957, 78.4177, 84.2308



43.0662, 45.8145, 48.1689



9.1131, 9.4076, 10.0728



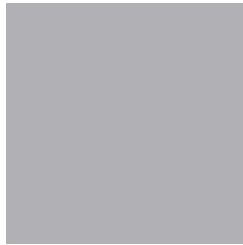
13.1375, 6.7726, 0.6181



0.4134, 0.2131, 0.0199

Previews

White Background



This preview shows how the XYZ color 42.1941, 44.1276, 50.0097 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 42.1941, 44.1276, 50.0097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

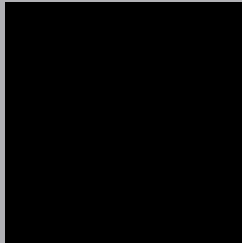
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.1941, 44.1276, 50.0097

Background



This preview shows how black text looks on a background with the XYZ color 42.1941, 44.1276, 50.0097.



This preview shows how white text looks on a background with the XYZ color 42.1941, 44.1276,

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

42.1941, 44.1276, 50.0097

Protanopia

42.4562, 43.9706, 49.9655

Deuteranopia

44.9342, 44.0889, 50.3977



Tritanopia

43.1797, 44.2334, 54.9773

Trichromacy



Original Color

42.1941, 44.1276, 50.0097

Protanomaly

42.2259, 43.8518, 49.9548

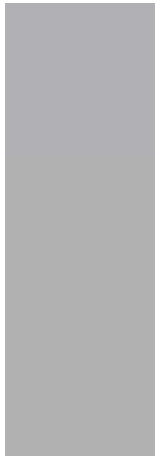
Deuteranomaly

44.0731, 44.2143, 50.4673

Tritanomaly

42.8551, 44.1035, 53.2678

Monochromacy



Original Color

42.1941, 44.1276, 50.0097

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.8895, 44.0057, 48.4056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1941, 44.1276, 50.0097 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(177, 177, 181)` looks like.

```
.text, #text, p{  
    color:rgb(177, 177, 181)  
}
```

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(177, 177, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 177, 181) }
```

Border

The CSS property to change the border of an element to XYZ 42.1941, 44.1276, 50.0097 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(177, 177, 181) }
```


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

```
.border{ border-color:rgb(177, 177, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 177, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 177, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 177, 181);  
box-shadow:4px 4px 4px 4px rgb(177, 177,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1941, 44.1276, 50.0097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 177, 181) }
```

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

```
.background{ background-color: rgb(177,  
177, 181) }
```

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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