

Converting Colors

XYZ(41.1683, 42.9698, 49.6819)

Have a look what the booklet for
XYZ(41.1683, 42.9698, 49.6819)
contains.

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Color

**XYZ(41.1260, 42.9948,
49.8473)**

Conversions

Conversions Part 1

Format	Color
Hex	AEAFB5
RGB	174, 175, 181
RGB Percent	68%, 69%, 71%
CMY	0.3176, 0.3137, 0.2902
CMYK	0.04, 0.03, 0.00, 0.29
HSL	231°, 5%, 70%
HSV	231°, 4%, 71%
XYZ	41.1260, 42.9948, 49.8473
YIQ	175.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

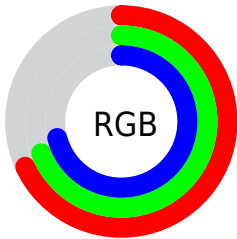
Format	Color
RYB	174, 175, 181
Decimal	11448245
CIELab	71.55, 0.80, -3.19
CIELCh	72, 3.291, 284.084
Yxy	42.9948, 0.3070, 0.3209
Android (android.graphics.Color)	4289638325 (0xFFFAEAFB5)
YUV	175.3850, 2.7682, -1.2146
Hunter-Lab	65.5704, -2.7924, 0.8264

Details

The XYZ color **41.1260, 42.9948, 49.8473** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.0173, 45.5218, 46.5644**, and the grayscale version is **40.9351, 43.0669, 46.8998**.

A 20% lighter version of the original color is **75.8960, 79.3661, 91.4398**, and **19.0053, 19.8620, 23.2541** is the 20% darker color. If you saturate the color by 10%, you get **34.5156, 35.3620, 48.7231**, and if you desaturate by 10%, it is **48.6288, 51.6046, 51.1144**.

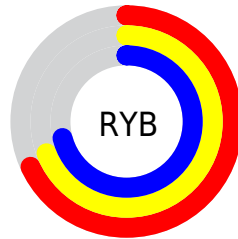
Distribution



Red (68%)

Green (69%)

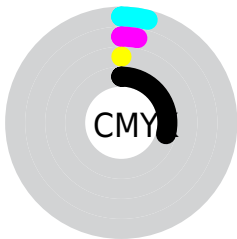
Blue (71%)



Red (68%)

Yellow (69%)

Blue (71%)

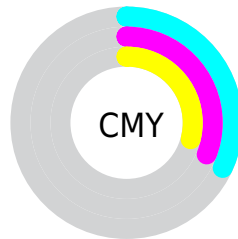


Cyan (4%)

Magenta (3%)

Yellow (0%)

Black (29%)



Cyan (32%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1260, 42.9948, 49.8473 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 41.1260, 42.9948, 49.8473 by changing the saturation by 10% instead.

■ 41.1260, 42.9948,
49.8473

■ 41.1260, 42.9948,
49.8473

341.9006,
358.5904, 402.7864

■ 28.6057, 29.8810,
34.9218

■ 76.1486, 79.7030,
91.3426

■ 18.9255, 19.7483,
23.3195

99.3816, 104.0663,
118.7494

■ 11.7201, 12.2122,
14.6221

126.9162,
132.9481, 151.1536

■ 6.6242, 6.8884,
8.4109

159.1178,
166.7330, 188.9740

■ 3.2725, 3.3924,
4.2675

196.3516,
205.8052, 232.6289

■ 1.2994, 1.3399,
1.7732

238.9831,

■ 0.1828, 0.1718,

250.5493, 282.5369

0.4102

287.3776,
301.3495, 339.1166

■ 0.0000, 0.0000,
0.0000

■ 41.1260, 42.9948,
49.8473

■ 41.1260, 42.9948,
49.8473

■ 34.5156, 35.3620,
48.7231

■ 48.6288, 51.6046,
51.1144

■ 28.7608, 28.6662,
47.7340

■ 57.0519, 61.2186,
52.5261

■ 23.8274, 22.8728,
46.8758

■ 66.4265, 71.8699,
54.0879

■ 19.6775, 17.9429,
46.1429

■ 76.7810, 83.5883,
55.8041

■ 16.2705, 13.8347,
45.5295

■ 84.5603, 94.5555,
57.5109

■ 13.5617, 10.5029,
45.0292

■ 85.3406, 96.1162,
57.7711

■ 11.5018, 7.8978,
44.6349

■ 10.0346, 5.9637,
44.3389

■ 9.0941, 4.6364,
44.1323

Harmonies

Analogous

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



40.5728, 42.9948, 49.8209



41.1260, 42.9948, 49.8473



41.6136, 42.9948, 49.0482

Triad

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



41.1260, 42.9948, 49.8473



41.6381, 42.9948, 44.7159



39.8457, 42.9948, 45.9793

Complementary

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



41.1260, 42.9948, 49.8473



43.0173, 45.5218, 46.5644

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.



40.1259, 42.9948, 44.6488



41.1260, 42.9948, 49.8473



41.1592, 42.9948, 43.9307

Square

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



41.1260, 42.9948, 49.8473



41.9111, 42.9948, 46.0728



40.6056, 42.9948, 43.9064



39.8370, 42.9948, 47.5631

Rectangle

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



41.1260, 42.9948, 49.8473



41.8345, 42.9948, 48.1651



40.6056, 42.9948, 43.9064



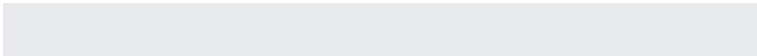
39.9111, 42.9948, 45.4885

Sweetspot

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



41.1272, 42.9966, 49.8482



77.3219, 81.2194, 89.8962



42.2132, 45.3403, 49.6806



16.7274, 17.5721, 19.4324



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.



41.1272, 42.9966, 49.8482



72.1329, 75.2502, 89.0175



41.4836, 42.8916, 49.8092



8.6824, 9.0494, 10.7954



6.0352, 2.8707, 30.3730



0.2206, 0.1517, 0.9659

Inverse Universe

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



41.9309, 43.1918, 46.6864



74.0113, 75.7118, 81.6262



42.6511, 45.6346, 46.6054



8.9323, 9.1111, 9.8120



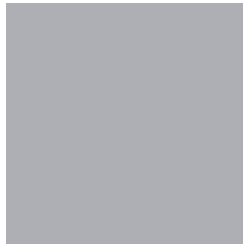
13.2809, 6.8299, 1.3734



0.4334, 0.2211, 0.1248

Previews

White Background



This preview shows how the XYZ color 41.1260, 42.9948, 49.8473 looks on a white background.

Color Contrast Check

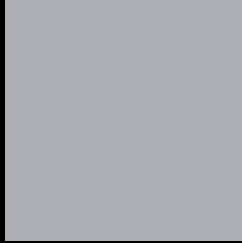
Large Text (above 18pt) WCAG AA × Fail

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 41.1260, 42.9948, 49.8473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

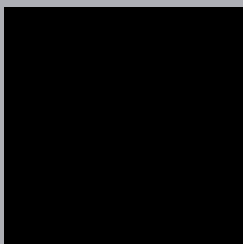
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

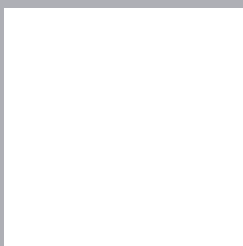
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1260, 42.9948, 49.8473

Background



This preview shows how black text looks on a background with the XYZ color 41.1260, 42.9948, 49.8473.



This preview shows how white text looks on a background with the XYZ color 41.1260, 42.9948,

49.8473.

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

41.1260, 42.9948, 49.8473

Protanopia

41.6080, 42.9554, 49.8143

Deuteranopia

43.8045, 42.9457, 50.2366



Tritanopia

41.8923, 43.0169, 53.6721

Trichromacy



Original Color

41.1260, 42.9948, 49.8473

Protanomaly

41.3810, 42.8384, 49.8037

Deuteranomaly

42.9632, 43.0728, 50.3054

Tritanomaly

41.5722, 42.8888, 51.9862

Monochromacy



Original Color

41.1260, 42.9948, 49.8473

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.9450, 42.9482, 47.7268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1260, 42.9948, 49.8473 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(174, 175, 181)` looks like.

```
.text, #text, p{  
    color:rgb(174, 175, 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(174, 175, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 175, 181) }
```

Border

The CSS property to change the border of an element to XYZ 41.1260, 42.9948, 49.8473 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(174, 175, 181) }
```


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

```
.border{ border-color:rgb(174, 175, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 175, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 175, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 175, 181);  
box-shadow:4px 4px 4px 4px rgb(174, 175,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1260, 42.9948, 49.8473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 175, 181) }
```

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

```
.background{ background-color: rgb(174,  
175, 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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