

Converting Colors

XYZ(41.2966, 43.8551, 47.2890)

Have a look what the booklet for
XYZ(41.2966, 43.8551, 47.2890)
contains.

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Color

**XYZ(41.2378, 43.6928,
47.3344)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB1B0
RGB	175, 177, 176
RGB Percent	69%, 69%, 69%
CMY	0.3137, 0.3059, 0.3098
CMYK	0.01, 0.00, 0.01, 0.31
HSL	150°, 1%, 69%
HSV	150°, 1%, 69%
XYZ	41.2378, 43.6928, 47.3344
YIQ	176.2880, -0.8710, -0.7350

Conversions

Conversions Part 2

Format	Color
RYB	175, 176, 177
Decimal	11514288
CIELab	72.02, -0.89, 0.26
CIELCh	72, 0.924, 163.963
Yxy	43.6928, 0.3118, 0.3303
Android (android.graphics.Color)	4289704368 (0xFFAFB1B0)
YUV	176.2880, -0.1420, -1.1296
Hunter-Lab	66.1005, -4.3160, 3.8130

Details

The XYZ color **41.2378, 43.6928, 47.3344** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.2995, 43.1428, 47.2271**, and the grayscale version is **41.4192, 43.5762, 47.4545**.

A 20% lighter version of the original color is **76.3375, 80.9270, 87.9410**, and **19.0141, 20.0815, 21.9427** is the 20% darker color. If you saturate the color by 10%, you get **36.6742, 41.4395, 42.6922**, and if you desaturate by 10%, it is **46.3819, 46.2412, 52.3045**.

Distribution



Red (69%)

Green (69%)

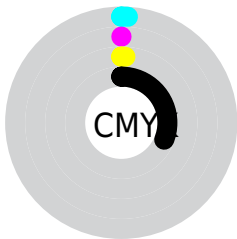
Blue (69%)



Red (69%)

Yellow (69%)

Blue (69%)



Cyan (1%)

Magenta (0%)

Yellow (1%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2378, 43.6928, 47.3344 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 41.2378, 43.6928, 47.3344 by changing the saturation by 10% instead.

■ 41.2378, 43.6928,
47.3344

■ 41.2378, 43.6928,
47.3344

342.3591,
361.4532, 392.5801

■ 28.6934, 30.4291,
32.9439

■ 76.3172, 80.7553,
87.5678

■ 18.9921, 20.1645,
21.8127

99.5829, 105.3228,
114.2477

■ 11.7686, 12.5147,
13.5223

127.1531,
134.4271, 145.8611

■ 6.6574, 7.0952,
7.6543

159.3932,
168.4525, 182.8266

■ 3.2932, 3.5217,
3.7899

196.6685,
207.7834, 225.5627

■ 1.3106, 1.4098,
1.5108

239.3443,

■ 0.1912, 0.2239,

252.8042, 274.4879

0.2260

287.7861,
303.8994, 330.0209

■ 0.0000, 0.0000,
0.0000

■ 41.2378, 43.6928,
47.3344

■ 41.2378, 43.6928,
47.3344

■ 36.6742, 41.4395,
42.6922

■ 46.3819, 46.2412,
52.3045

■ 32.6663, 39.4649,
38.3683

■ 52.1228, 49.0894,
57.6061

■ 29.1927, 37.7594,
34.3568

■ 58.4810, 52.2489,
63.2463

■ 26.2294, 36.3107,
30.6507

■ 65.4745, 55.7290,
69.2312

■ 23.7504, 35.1056,
27.2424

■ 69.9229, 57.8899,
75.4171

■ 21.7272, 34.1295,
24.1243

■ 71.1305, 58.3730,
81.7764

■ 20.1283, 33.3664,
21.2881

■ 72.4014, 58.8813,
88.4685

■ 18.9180, 32.7979,
18.7253

■ 73.7363, 59.4153,
95.4984

■ 18.0538, 32.4024,
16.4266

■ 75.0130, 59.9259,
102.2210

Harmonies

Analogous

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



41.3184, 43.6928, 46.9514



41.2378, 43.6928, 47.3344



41.2350, 43.6928, 47.7840

Triad

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



41.2378, 43.6928, 47.3344



41.6019, 43.6928, 48.4222



41.7475, 43.6928, 46.9734

Complementary

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



41.2378, 43.6928, 47.3344



41.2995, 43.1428, 47.2271

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.



41.8238, 43.6928, 47.3647



41.2378, 43.6928, 47.3344



41.7397, 43.6928, 48.2022

Square

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



41.2378, 43.6928, 47.3344



41.4449, 43.6928, 48.4140



41.8210, 43.6928, 47.8145



41.6126, 43.6928, 46.7439

Rectangle

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



41.2378, 43.6928, 47.3344



41.2776, 43.6928, 48.0611



41.8210, 43.6928, 47.8145



41.7808, 43.6928, 47.0903

Sweetspot

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



41.2390, 43.6947, 47.3354



74.8435, 78.7412, 85.7492



41.3736, 43.7754, 46.8269



16.2198, 17.0645, 18.5832



84.5950, 89.0005, 96.9216

Same Dimension

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



41.2390, 43.6947, 47.3354



73.9535, 78.3009, 84.8703



41.3353, 43.7332, 47.8425



9.4466, 9.9966, 10.8396



12.7094, 23.3098, 10.7387



0.4293, 0.7452, 0.4930

Inverse Universe

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



41.2995, 43.1428, 47.2271



74.0509, 77.4119, 84.6959



41.2039, 43.1045, 46.7236



9.4580, 9.8925, 10.8191



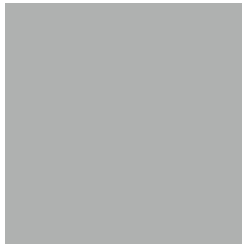
14.4626, 7.3026, 7.5959



0.4845, 0.2415, 0.3941

Previews

White Background



This preview shows how the XYZ color 41.2378, 43.6928, 47.3344 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 41.2378, 43.6928, 47.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

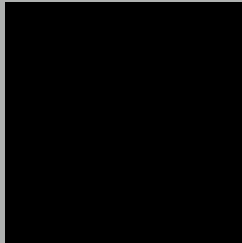
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

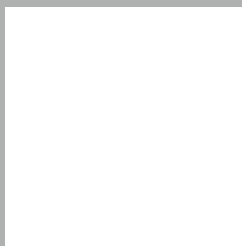
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2378, 43.6928, 47.3344

Background



This preview shows how black text looks on a background with the XYZ color 41.2378, 43.6928, 47.3344.



This preview shows how white text looks on a background with the XYZ color 41.2378, 43.6928,

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

41.2378, 43.6928, 47.3344

Protanopia

42.0856, 43.8491, 46.8030

Deuteranopia

44.4910, 43.6376, 47.6729



Tritanopia

42.6467, 43.6812, 54.3277

Trichromacy



Original Color

41.2378, 43.6928, 47.3344

Protanomaly

41.6233, 43.6108, 46.7814

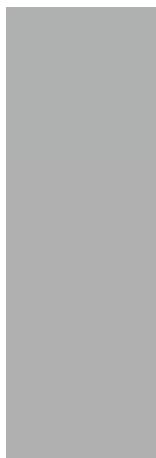
Deuteranomaly

43.1291, 43.5006, 47.7183

Tritanomaly

42.0816, 43.7415, 51.5724

Monochromacy



Original Color

41.2378, 43.6928, 47.3344

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.2663, 43.4154, 47.2793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2378, 43.6928, 47.3344 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(175, 177, 176)` looks like.

```
.text, #text, p{  
    color:rgb(175, 177, 176)  
}
```

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(175, 177, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 177, 176) }
```

Border

The CSS property to change the border of an element to XYZ 41.2378, 43.6928, 47.3344 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(175, 177, 176) }
```

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

```
.border{ border-color:rgb(175, 177, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 177, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 177, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 177, 176);  
box-shadow:4px 4px 4px 4px rgb(175, 177,  
176) }
```


Background

The CSS property to change the background color of an element to XYZ 41.2378, 43.6928, 47.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 177, 176) }
```

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

```
.background{ background-color: rgb(175,  
177, 176) }
```

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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