

Converting Colors

XYZ(40.9194, 42.3658, 51.2072)

Have a look what the booklet for
XYZ(40.9194, 42.3658, 51.2072)
contains.

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Color

**XYZ(40.8289, 42.2321,
51.3471)**

Conversions

Conversions Part 1

Format	Color
Hex	ADADB8
RGB	173, 173, 184
RGB Percent	68%, 68%, 72%
CMY	0.3216, 0.3216, 0.2784
CMYK	0.06, 0.06, 0.00, 0.28
HSL	240°, 7%, 70%
HSV	240°, 6%, 72%
XYZ	40.8289, 42.2321, 51.3471
YIQ	174.2540, -3.5310, 3.4210

Conversions

Conversions Part 2

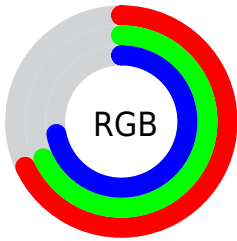
Format	Color
R _{YB}	173, 173, 184
Decimal	11382200
CIE Lab	71.03, 2.13, -5.62
CIE LCh	71, 6.012, 290.779
Yxy	42.2321, 0.3038, 0.3142
Android (android.graphics.Color)	4289572280 (0xFFADADB8)
YUV	174.2540, 4.8048, -1.0998
Hunter-Lab	64.9862, -1.5797, -1.3560

Details

The XYZ color **40.8289, 42.2321, 51.3471** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.4506, 47.4880, 46.3592**, and the grayscale version is **40.3411, 42.4420, 46.2193**.

A 20% lighter version of the original color is **75.4665, 78.2721, 93.5686**, and **18.8193, 19.3784, 24.2212** is the 20% darker color. If you saturate the color by 10%, you get **33.7493, 33.7026, 50.0745**, and if you desaturate by 10%, it is **48.9569, 52.0254, 52.8097**.

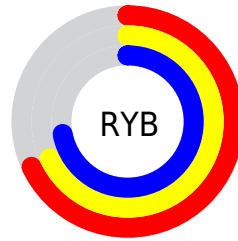
Distribution



Red (68%)

Green (68%)

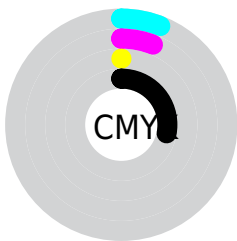
Blue (72%)



Red (68%)

Yellow (68%)

Blue (72%)

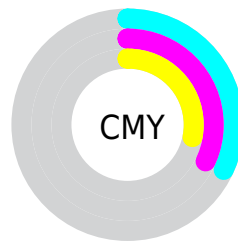


Cyan (6%)

Magenta (6%)

Yellow (0%)

Black (28%)



Cyan (32%)

Magenta (32%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8289, 42.2321, 51.3471 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 40.8289, 42.2321, 51.3471 by changing the saturation by 10% instead.

■ 40.8289, 42.2321,
51.3471

■ 40.8289, 42.2321,
51.3471

340.6798,
355.4442, 408.7958

■ 28.3725, 29.2831,
36.1063

■ 75.7004, 78.5508,
93.5844

■ 18.7485, 19.2951,
24.2259

98.8463, 102.6892,
121.4179

■ 11.5916, 11.8837,
15.2876

126.2860,
131.3263, 154.2861

■ 6.5365, 6.6645,
8.8726

158.3849,
164.8463, 192.6075

■ 3.2177, 3.2532,
4.5625

195.5084,
203.6337, 236.8006

■ 1.2699, 1.2653,
1.9387

238.0218,

■ 0.1605, 0.1141,

248.0729, 287.2840

0.5172

286.2905,
298.5482, 344.4763

■ 0.0000, 0.0000,
0.0000

■ 40.8289, 42.2321,
51.3471

■ 40.8289, 42.2321,
51.3471

■ 33.7493, 33.7026,
50.0745

■ 48.9569, 52.0254,
52.8097

■ 27.6721, 26.3803,
48.9815

■ 58.1698, 63.1254,
54.4666

■ 22.5531, 20.2123,
48.0607

■ 68.5067, 75.5796,
56.3257

■ 18.3433, 15.1399,
47.3035

■ 80.0038, 89.4314,
58.3934

■ 14.9897, 11.0989,
46.7003

■ 85.6519, 96.2407,
59.4100

■ 12.4335, 8.0187,
46.2405

■ 10.6087, 5.8196,
45.9122

■ 9.4386, 4.4095,
45.7017

■ 8.8253, 3.6701,
45.5913

Harmonies

Analogous

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



39.8319, 42.2321, 51.6578



40.8289, 42.2321, 51.3471



41.6541, 42.2321, 49.5677

Triad

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



40.8289, 42.2321, 51.3471



41.3730, 42.2321, 41.8332



38.2654, 42.2321, 45.1036

Complementary

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



40.8289, 42.2321, 51.3471



44.4506, 47.4880, 46.3592

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.



38.6637, 42.2321, 42.5766



40.8289, 42.2321, 51.3471



40.4504, 42.2321, 40.7409

Square

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



40.8289, 42.2321, 51.3471



41.9719, 42.2321, 44.0505



39.4596, 42.2321, 41.0072



38.3629, 42.2321, 47.9724

Rectangle

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



40.8289, 42.2321, 51.3471



41.9904, 42.2321, 47.8272



39.4596, 42.2321, 41.0072



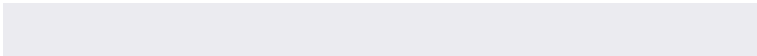
38.3455, 42.2321, 44.1879

Sweetspot

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



40.8301, 42.2339, 51.3480



79.5953, 83.2832, 94.0847



43.0073, 46.6189, 51.9790



17.1925, 17.9943, 20.2887



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.



40.8301, 42.2339, 51.3480



72.4584, 74.6843, 92.8011



42.0289, 42.8511, 51.4040



8.8261, 9.0871, 11.3682



5.9631, 2.3859, 31.3993



0.2103, 0.0842, 1.1069

Inverse Universe

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



42.2545, 43.0955, 45.6285



75.5092, 76.5296, 80.5511



43.2013, 46.8448, 46.3009



9.2177, 9.3240, 9.7957



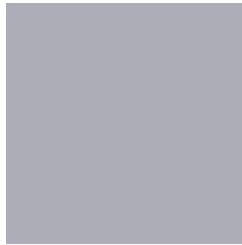
13.6236, 7.0232, 0.6387



0.4803, 0.2476, 0.0227

Previews

White Background



This preview shows how the XYZ color 40.8289, 42.2321, 51.3471 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 40.8289, 42.2321, 51.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

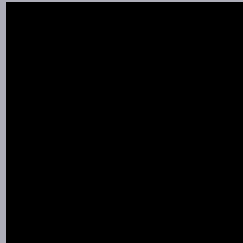
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

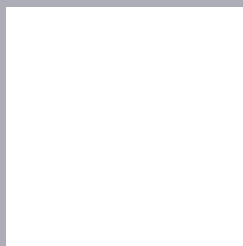
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.8289, 42.2321, 51.3471

Background



This preview shows how black text looks on a background with the XYZ color 40.8289, 42.2321, 51.3471.

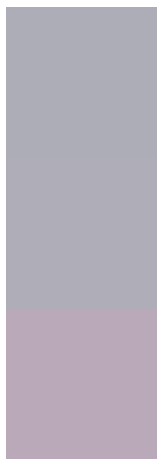


This preview shows how white text looks on a background with the XYZ color 40.8289, 42.2321,

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

40.8289, 42.2321, 51.3471

Protanopia

41.0509, 42.3465, 51.3575

Deuteranopia

43.1946, 42.3178, 51.7905



Tritanopia

41.0401, 42.3165, 52.4592

Trichromacy



Original Color

40.8289, 42.2321, 51.3471

Protanomaly

41.0509, 42.3465, 51.3575

Deuteranomaly

42.1877, 42.0760, 51.7969

Tritanomaly

40.9341, 42.2742, 51.9012

Monochromacy



Original Color

40.8289, 42.2321, 51.3471

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.6275, 42.4851, 48.1786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8289, 42.2321, 51.3471 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(173, 173, 184)` looks like.

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

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

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

Border

The CSS property to change the border of an element to XYZ 40.8289, 42.2321, 51.3471 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(173, 173, 184) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 40.8289, 42.2321, 51.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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