

Converting Colors

XYZ(40.7771, 41.9028, 51.8507)

Have a look what the booklet for
XYZ(40.7771, 41.9028, 51.8507)
contains.

XYZ(40.7431, 41.8921, 51.8375)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.7431, 41.8921,
51.8375)**

Conversions

Conversions Part 1

Format	Color
Hex	ADACB9
RGB	173, 172, 185
RGB Percent	68%, 67%, 73%
CMY	0.3216, 0.3255, 0.2745
CMYK	0.06, 0.07, 0.00, 0.27
HSL	245°, 8%, 70%
HSV	245°, 7%, 73%
XYZ	40.7431, 41.8921, 51.8375
YIQ	173.7810, -3.5770, 4.2550

Conversions

Conversions Part 2

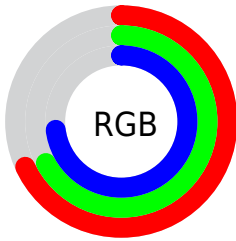
Format	Color
RYB	173, 172, 185
Decimal	11381945
CIELab	70.80, 2.88, -6.52
CIELCh	71, 7.126, 293.820
Yxy	41.8921, 0.3030, 0.3115
Android (android.graphics.Color)	4289572025 (0xFFADACB9)
YUV	173.7810, 5.5310, -0.6849
Hunter-Lab	64.7241, -0.9034, -2.1785

Details

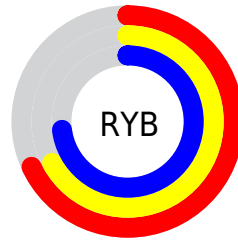
The XYZ color **40.7431, 41.8921, 51.8375** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.5640, 47.8679, 45.9225**, and the grayscale version is **40.0946, 42.1827, 45.9369**.

A 20% lighter version of the original color is **75.3412, 77.7830, 94.2618**, and **18.7665, 19.1638, 24.5397** is the 20% darker color. If you saturate the color by 10%, you get **33.9261, 33.5107, 50.5797**, and if you desaturate by 10%, it is **48.5356, 51.5063, 53.2832**.

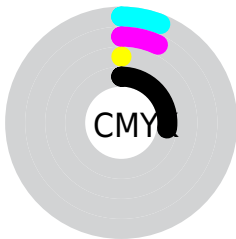
Distribution



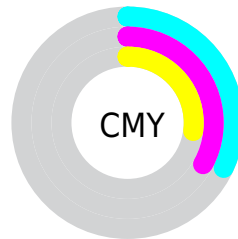
- Red (68%)
- Green (67%)
- Blue (73%)



- Red (68%)
- Yellow (67%)
- Blue (73%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (27%)



- Cyan (32%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7431, 41.8921, 51.8375 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 40.7431, 41.8921, 51.8375 by changing the saturation by 10% instead.

■ 40.7431, 41.8921,
51.8375

■ 40.7431, 41.8921,
51.8375

340.3267,
354.0355, 410.7480

■ 28.3052, 29.0168,
36.4942

■ 75.5709, 78.0363,
94.3157

■ 18.6975, 19.0935,
24.5234

98.6916, 102.0740,
122.2877

■ 11.5546, 11.7379,
15.5066

126.1038,
130.6013, 155.3063

■ 6.5112, 6.5655,
9.0251

158.1730,
164.0026, 193.7901

■ 3.2019, 3.1919,
4.6605

195.2646,
202.6622, 238.1576

■ 1.2614, 1.2327,
1.9943

237.7438,

■ 0.1541, 0.0882,

246.9647, 288.8275

0.5517

285.9761,
297.2943, 346.2181

■ 0.0000, 0.0000,
0.0000

■ 40.7431, 41.8921,
51.8375

■ 40.7431, 41.8921,
51.8375

■ 33.9261, 33.5107,
50.5797

■ 48.5356, 51.5063,
53.2832

■ 28.0425, 26.3072,
49.4993

■ 57.3361, 62.3947,
54.9210

■ 23.0529, 20.2302,
48.5894

■ 67.1800, 74.6034,
56.7587

■ 18.9133, 15.2228,
47.8410

■ 78.1001, 88.1748,
58.8027

■ 15.5763, 11.2230,
47.2448

■ 85.7571, 96.2828,
59.9641

■ 12.9895, 8.1622,
46.7904

■ 11.0944, 5.9635,
46.4659

■ 9.8239, 4.5378,
46.2577

■ 9.0908, 3.7636,
46.1469

Harmonies

Analogous

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



39.5728, 41.8921, 52.4027



40.7431, 41.8921, 51.8375



41.6819, 41.8921, 49.5689

Triad

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



40.7431, 41.8921, 51.8375



41.1754, 41.8921, 40.5537



37.5979, 41.8921, 44.9155

Complementary

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



40.7431, 41.8921, 51.8375



44.5640, 47.8679, 45.9225

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.



38.0089, 41.8921, 41.8741



40.7431, 41.8921, 51.8375



40.0626, 41.8921, 39.4373

Square

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



40.7431, 41.8921, 51.8375



41.9350, 41.8921, 43.0322



38.9054, 41.8921, 39.9085



37.7719, 41.8921, 48.2958

Rectangle

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



40.7431, 41.8921, 51.8375



42.0424, 41.8921, 47.4532



38.9054, 41.8921, 39.9085



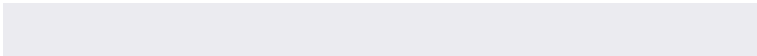
37.6719, 41.8921, 43.8217

Sweetspot

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



40.7443, 41.8939, 51.8384



79.7165, 83.3451, 94.0903



42.9397, 46.6109, 52.6332



17.2173, 18.0070, 20.2899



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.



40.7443, 41.8939, 51.8384



71.5375, 73.2643, 92.5756



42.1862, 42.6372, 51.9059



8.5833, 8.7515, 11.3163



6.1135, 2.4628, 31.4062



0.2371, 0.0980, 1.1082

Inverse Universe

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



43.4133, 43.2819, 51.4155



77.0305, 76.1212, 91.6978



43.0727, 47.0991, 45.8527



9.3504, 9.1505, 11.1925



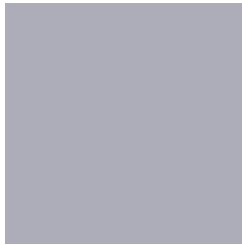
18.6278, 9.0249, 26.9905



0.6656, 0.3217, 0.9983

Previews

White Background



This preview shows how the XYZ color 40.7431, 41.8921, 51.8375 looks on a white background.

Color Contrast Check

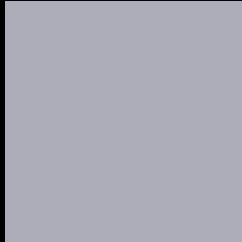
Large Text (above 18pt) WCAG AA × Fail

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 40.7431, 41.8921, 51.8375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

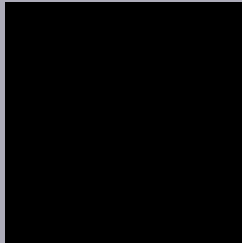
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.7431, 41.8921, 51.8375

Background



This preview shows how black text looks on a background with the XYZ color 40.7431, 41.8921, 51.8375.

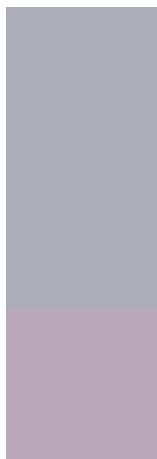


This preview shows how white text looks on a background with the XYZ color 40.7431, 41.8921,

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

40.7431, 41.8921, 51.8375

Protanopia

40.7431, 41.8921, 51.8375

Deuteranopia

42.6327, 41.7408, 52.2642



Tritanopia

40.8490, 41.9345, 52.3956

Trichromacy



Original Color

40.7431, 41.8921, 51.8375

Protanomaly

40.7431, 41.8921, 51.8375

Deuteranomaly

41.8733, 41.6244, 52.2817

Tritanomaly

40.8490, 41.9345, 52.3956

Monochromacy



Original Color

40.7431, 41.8921, 51.8375

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.4350, 42.1002, 48.1145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7431, 41.8921, 51.8375 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, 172, 185)` looks like.

```
.text, #text, p{  
    color:rgb(173, 172, 185)  
}
```

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, 172, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 172, 185) }
```

Border

The CSS property to change the border of an element to XYZ 40.7431, 41.8921, 51.8375 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, 172, 185) }
```


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

```
.border{ border-color:rgb(173, 172, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 172, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 172, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 172, 185);  
box-shadow:4px 4px 4px 4px rgb(173, 172,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7431, 41.8921, 51.8375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 172, 185) }
```

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

```
.background{ background-color: rgb(173,  
172, 185) }
```

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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