

Converting Colors

XYZ(41.4276, 42.2024, 55.3972)

Have a look what the booklet for
XYZ(41.4276, 42.2024, 55.3972)
contains.

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Color

**XYZ(41.3901, 42.1509,
55.2447)**

Conversions

Conversions Part 1

Format	Color
Hex	ADACBF
RGB	173, 172, 191
RGB Percent	68%, 67%, 75%
CMY	0.3216, 0.3255, 0.2510
CMYK	0.09, 0.10, 0.00, 0.25
HSL	243°, 13%, 71%
HSV	243°, 10%, 75%
XYZ	41.3901, 42.1509, 55.2447
YIQ	174.4650, -5.5030, 6.1210

Conversions

Conversions Part 2

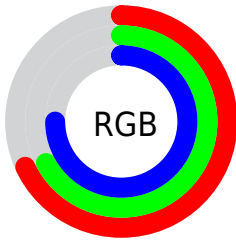
Format	Color
RYB	173, 172, 191
Decimal	11381951
CIELab	70.97, 4.09, -9.56
CIELCh	71, 10.400, 293.182
Yxy	42.1509, 0.2982, 0.3037
Android (android.graphics.Color)	4289572031 (0xFFADACBF)
YUV	174.4650, 8.1518, -1.2848
Hunter-Lab	64.9237, 0.1806, -5.0043

Details

The XYZ color **41.3901, 42.1509, 55.2447** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.3140, 51.1885, 46.4184**, and the grayscale version is **40.4337, 42.5394, 46.3254**.

A 20% lighter version of the original color is **76.2525, 78.1476, 99.0607**, and **19.1891, 19.3329, 26.7650** is the 20% darker color. If you saturate the color by 10%, you get **34.2789, 33.4718, 53.9449**, and if you desaturate by 10%, it is **49.5684, 52.1579, 56.7459**.

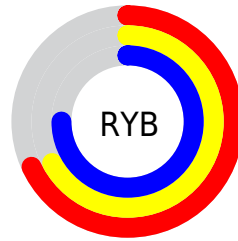
Distribution



Red (68%)

Green (67%)

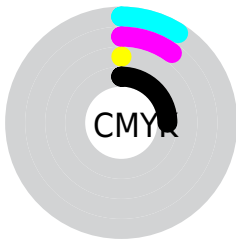
Blue (75%)



Red (68%)

Yellow (67%)

Blue (75%)

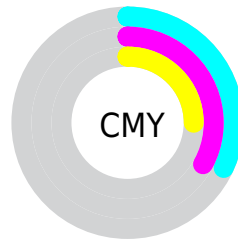


Cyan (9%)

Magenta (10%)

Yellow (0%)

Black (25%)



Cyan (32%)

Magenta (33%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3901, 42.1509, 55.2447 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 41.3901, 42.1509, 55.2447 by changing the saturation by 10% instead.

■ 41.3901, 42.1509,
55.2447

■ 41.3901, 42.1509,
55.2447

342.9832,
355.1081, 424.1469

■ 28.8130, 29.2195,
39.1977

■ 76.5467, 78.4280,
99.3741

■ 19.0830, 19.2469,
26.6046

99.8570, 102.5424,
128.2937

■ 11.8346, 11.8488,
17.0467

127.4756,
131.1532, 162.3412

■ 6.7026, 6.6408,
10.1055

159.7681,
164.6449, 201.9352

■ 3.3215, 3.2385,
5.3624

197.0998,
203.4019, 247.4942

■ 1.3260, 1.2575,
2.3990

239.8359,

■ 0.2025, 0.1079,

247.8085, 299.4368

0.7859

288.3420,
298.2491, 358.1815

■ 0.0000, 0.0000,
0.0000

■ 41.3901, 42.1509,
55.2447

■ 41.3901, 42.1509,
55.2447

■ 34.2789, 33.4718,
53.9449

■ 49.5684, 52.1579,
56.7459

■ 28.1871, 26.0598,
52.8353

■ 58.8512, 63.5397,
58.4535

■ 23.0691, 19.8571,
51.9078

■ 69.2788, 76.3475,
60.3761

■ 18.8745, 14.7996,
51.1527

■ 80.8886, 90.6283,
62.5206

■ 15.5481, 10.8172,
50.5594

■ 86.4041, 96.5416,
63.3713

■ 13.0289, 7.8320,
50.1159

■ 11.2482, 5.7557,
49.8090

■ 10.1255, 4.4843,
49.6228

■ 9.5320, 3.8292,
49.5276

Harmonies

Analogous

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



39.6687, 42.1509, 56.0446



41.3901, 42.1509, 55.2447



42.7921, 42.1509, 51.8588

Triad

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



41.3901, 42.1509, 55.2447



42.0947, 42.1509, 38.6673



36.8429, 42.1509, 44.7709

Complementary

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



41.3901, 42.1509, 55.2447



47.3140, 51.1885, 46.4184

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.



37.4528, 42.1509, 40.4072



41.3901, 42.1509, 55.2447



40.4603, 42.1509, 37.0516

Square

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



41.3901, 42.1509, 55.2447



43.2070, 42.1509, 42.2378



38.7649, 42.1509, 37.6649



37.0756, 42.1509, 49.7578

Rectangle

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



41.3901, 42.1509, 55.2447



43.3403, 42.1509, 48.7138



38.7649, 42.1509, 37.6649



36.9555, 42.1509, 43.1874

Sweetspot

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



41.3914, 42.1527, 55.2456



84.0255, 87.5969, 100.7584



44.8428, 49.3819, 56.4591



18.1847, 18.9092, 22.0767



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



41.3914, 42.1527, 55.2456



71.1096, 71.8031, 98.3906



43.5559, 43.2685, 55.3469



9.0616, 9.2486, 11.9798



6.2841, 2.5256, 32.5492



0.2622, 0.1072, 1.2757

Inverse Universe

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



45.5341, 44.3010, 54.8683



80.0693, 76.4497, 97.5572



45.0292, 50.0106, 46.3115



9.9077, 9.6874, 11.9032



19.6090, 9.4748, 29.5643



0.7748, 0.3738, 1.1933

Previews

White Background



This preview shows how the XYZ color 41.3901, 42.1509, 55.2447 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 41.3901, 42.1509, 55.2447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

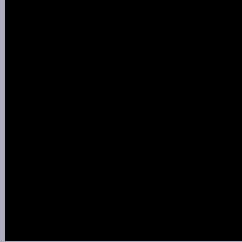
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3901, 42.1509, 55.2447

Background



This preview shows how black text looks on a background with the XYZ color 41.3901, 42.1509, 55.2447.



This preview shows how white text looks on a background with the XYZ color 41.3901, 42.1509,

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

41.3901, 42.1509, 55.2447

Protanopia

41.1698, 42.0373, 55.2343

Deuteranopia

42.9938, 42.1268, 55.7344



Tritanopia

40.8198, 42.2030, 52.4489

Trichromacy



Original Color

41.3901, 42.1509, 55.2447

Protanomaly

41.1698, 42.0373, 55.2343

Deuteranomaly

42.4796, 42.1389, 55.7639

Tritanomaly

41.0339, 42.2886, 53.5768

Monochromacy



Original Color

41.3901, 42.1509, 55.2447

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.6373, 42.1811, 49.1800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3901, 42.1509, 55.2447 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(173, 172, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 172, 191) }
```

Border

The CSS property to change the border of an element to XYZ 41.3901, 42.1509, 55.2447 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, 191) }
```


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

```
.border{ border-color:rgb(173, 172, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 172, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 172, 191);  
box-shadow:4px 4px 4px 4px rgb(173, 172,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3901, 42.1509, 55.2447 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, 191) }
```

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

```
.background{ background-color: rgb(173,  
172, 191) }
```

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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