

Converting Colors

XYZ(41.5795, 42.9557, 55.5556)

Have a look what the booklet for
XYZ(41.5795, 42.9557, 55.5556)
contains.

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Color

**XYZ(41.5533, 42.8043,
55.3622)**

Conversions

Conversions Part 1

Format	Color
Hex	ACAEBF
RGB	172, 174, 191
RGB Percent	67%, 68%, 75%
CMY	0.3255, 0.3176, 0.2510
CMYK	0.10, 0.09, 0.00, 0.25
HSL	234°, 13%, 71%
HSV	234°, 10%, 75%
XYZ	41.5533, 42.8043, 55.3622
YIQ	175.3400, -6.6490, 4.8630

Conversions

Conversions Part 2

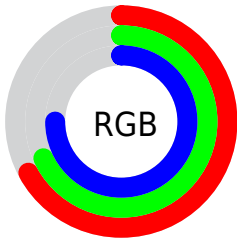
Format	Color
R_{YB}	172, 174, 191
Decimal	11316927
CIE Lab	71.42, 2.66, -8.90
CIE LCh	71, 9.293, 286.661
Yxy	42.8043, 0.2974, 0.3064
Android (android.graphics.Color)	4289507007 (0xFFACAEBF)
YUV	175.3400, 7.7204, -2.9292
Hunter-Lab	65.4250, -1.1232, -4.3733

Details

The XYZ color **41.5533, 42.8043, 55.3622** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.1302, 50.4500, 46.2845**, and the grayscale version is **40.8884, 43.0178, 46.8464**.

A 20% lighter version of the original color is **76.4864, 79.0849, 99.2293**, and **19.2927, 19.7471, 26.8395** is the 20% darker color. If you saturate the color by 10%, you get **34.5653, 34.6100, 54.1495**, and if you desaturate by 10%, it is **49.5664, 52.1527, 56.7450**.

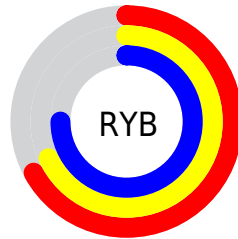
Distribution



Red (67%)

Green (68%)

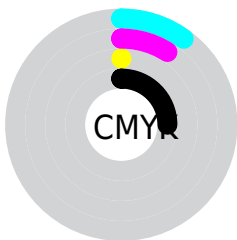
Blue (75%)



Red (67%)

Yellow (68%)

Blue (75%)

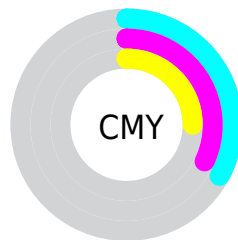


Cyan (10%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (33%)

Magenta (32%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5533, 42.8043, 55.3622 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 41.5533, 42.8043, 55.3622 by changing the saturation by 10% instead.

■ 41.5533, 42.8043,
55.3622

■ 41.5533, 42.8043,
55.3622

343.6511,
357.8063, 424.6040

■ 28.9413, 29.7316,
39.2912

■ 76.7925, 79.4155,
99.5479

■ 19.1804, 19.6350,
26.6768

100.1504,
103.7227, 128.4997

■ 11.9055, 12.1300,
17.1003

127.8210,
132.5436, 162.5822

■ 6.7511, 6.8323,
10.1433

160.1695,
166.2625, 202.2139

■ 3.3519, 3.3574,
5.3873

197.5615,
205.2638, 247.8135

■ 1.3425, 1.3211,
2.4135

240.3621,

■ 0.2147, 0.1574,

249.9320, 299.7993

0.7938

288.9369,
300.6514, 358.5900

■ 0.0000, 0.0000,
0.0000

■ 41.5533, 42.8043,
55.3622

■ 41.5533, 42.8043,
55.3622

■ 34.5653, 34.6100,
54.1495

■ 49.5664, 52.1527,
56.7450

■ 28.5571, 27.5199,
53.0976

■ 58.6396, 62.6920,
58.3010

■ 23.4860, 21.4881,
52.2007

■ 68.8110, 74.4640,
60.0372

■ 19.3046, 16.4637,
51.4513

■ 80.1159, 87.5069,
61.9589

■ 15.9610, 12.3915,
50.8415

■ 86.4041, 96.5416,
63.3713

■ 13.3982, 9.2109,
50.3626

■ 11.5520, 6.8543,
50.0051

■ 10.3477, 5.2442,
49.7578

■ 9.6593, 4.2703,
49.6060

Harmonies

Analogous

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



39.9937, 42.8043, 55.5074



41.5533, 42.8043, 55.3622



42.9128, 42.8043, 52.7765

Triad

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



41.5533, 42.8043, 55.3622



42.7851, 42.8043, 40.6140



37.8252, 42.8043, 44.6460

Complementary

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



41.5533, 42.8043, 55.3622



47.1302, 50.4500, 46.2845

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.



38.5341, 42.8043, 40.9373



41.5533, 42.8043, 55.3622



41.3826, 42.8043, 38.7121

Square

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



41.5533, 42.8043, 55.3622



43.6364, 42.8043, 44.1785



39.8273, 42.8043, 38.8265



37.8683, 42.8043, 49.1221

Rectangle

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



41.5533, 42.8043, 55.3622



43.5109, 42.8043, 50.1057



39.8273, 42.8043, 38.8265



37.9827, 42.8043, 43.2743

Sweetspot

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



41.5546, 42.8061, 55.3631



84.1238, 87.9898, 100.8291



44.8067, 49.6978, 55.2527



18.2117, 19.0174, 22.0962



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.



41.5546, 42.8061, 55.3631



71.4593, 73.1964, 98.6411



42.8133, 42.8851, 55.3121



9.0953, 9.3829, 12.0039



6.3754, 2.8625, 32.6094



0.2771, 0.1668, 1.2865

Inverse Universe

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



43.8794, 43.6384, 46.1567



76.4906, 75.0182, 78.7124



45.7773, 50.3963, 46.3454



9.5699, 9.5523, 10.1243



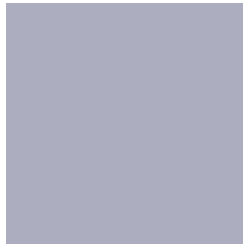
14.2188, 7.3187, 1.1797



0.5708, 0.2922, 0.1189

Previews

White Background



This preview shows how the XYZ color 41.5533, 42.8043, 55.3622 looks on a white background.

Color Contrast Check

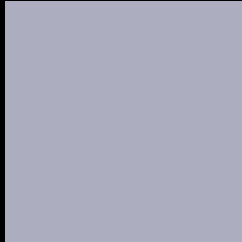
Large Text (above 18pt) WCAG AA × Fail

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 41.5533, 42.8043, 55.3622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

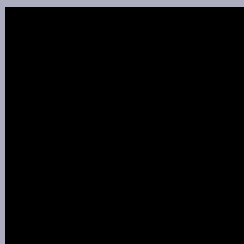
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

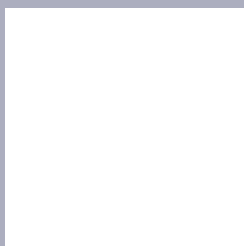
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.5533, 42.8043, 55.3622

Background



This preview shows how black text looks on a background with the XYZ color 41.5533, 42.8043, 55.3622.



This preview shows how white text looks on a background with the XYZ color 41.5533, 42.8043,

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

41.5533, 42.8043, 55.3622

Protanopia

41.7736, 42.9179, 55.3725

Deuteranopia

43.6563, 42.7456, 55.8190



Tritanopia

41.2264, 42.6736, 53.6409

Trichromacy



Original Color

41.5533, 42.8043, 55.3622

Protanomaly

41.7736, 42.9179, 55.3725

Deuteranomaly

42.8997, 42.6349, 55.8375

Tritanomaly

41.3346, 42.7169, 54.2107

Monochromacy



Original Color

41.5533, 42.8043, 55.3622

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.1260, 42.9948, 49.8473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5533, 42.8043, 55.3622 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(172, 174, 191)` looks like.

```
.text, #text, p{  
    color:rgb(172, 174, 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(172, 174, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 174, 191) }
```

Border

The CSS property to change the border of an element to XYZ 41.5533, 42.8043, 55.3622 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(172, 174, 191) }
```


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

```
.border{ border-color:rgb(172, 174, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 174, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 174, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 174, 191);  
box-shadow:4px 4px 4px 4px rgb(172, 174,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5533, 42.8043, 55.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 174, 191) }
```

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

```
.background{ background-color: rgb(172,  
174, 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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