

Converting Colors

XYZ(41.8813, 44.6899, 55.6098)

Have a look what the booklet for
XYZ(41.8813, 44.6899, 55.6098)
contains.

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Color

**XYZ(41.8737, 44.7289,
55.7168)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B4BF
RGB	168, 180, 191
RGB Percent	66%, 71%, 75%
CMY	0.3412, 0.2941, 0.2510
CMYK	0.12, 0.06, 0.00, 0.25
HSL	209°, 15%, 70%
HSV	209°, 12%, 75%
XYZ	41.8737, 44.7289, 55.7168
YIQ	177.6660, -10.6830, 0.8770

Conversions

Conversions Part 2

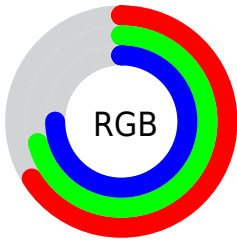
Format	Color
R_{YB}	168, 176, 191
Decimal	11056319
CIE Lab	72.71, -1.93, -7.02
CIE LCh	73, 7.277, 254.637
Yxy	44.7289, 0.2942, 0.3143
Android (android.graphics.Color)	4289246399 (0xFFA8B4BF)
YUV	177.6660, 6.5737, -8.4771
Hunter-Lab	66.8797, -5.2797, -2.5782

Details

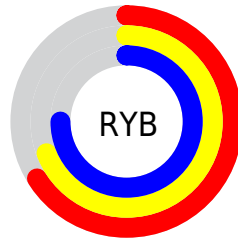
The XYZ color **41.8737, 44.7289, 55.7168** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.6742, 46.1437, 43.5988**, and the grayscale version is **42.1120, 44.3051, 48.2482**.

A 20% lighter version of the original color is **77.2154, 82.3943, 99.8297**, and **19.3793, 20.7267, 27.0240** is the 20% darker color. If you saturate the color by 10%, you get **36.3192, 39.2191, 54.9468**, and if you desaturate by 10%, it is **48.1496, 50.7934, 56.5573**.

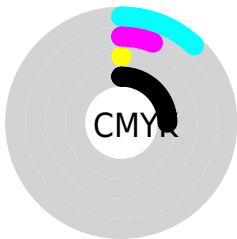
Distribution



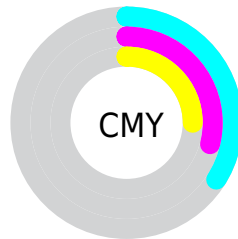
- Red (66%)
- Green (71%)
- Blue (75%)



- Red (66%)
- Yellow (69%)
- Blue (75%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (25%)



- Cyan (34%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8737, 44.7289, 55.7168 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 41.8737, 44.7289, 55.7168 by changing the saturation by 10% instead.

■ 41.8737, 44.7289,
55.7168

■ 41.8737, 44.7289,
55.7168

344.9597,
365.6745, 425.9816

■ 29.1931, 31.2439,
39.5734

■ 77.2748, 82.3134,
100.0720

■ 19.3720, 20.7847,
26.8949

■ 100.7260,
107.1818, 129.1210

■ 12.0449, 12.9667,
17.2625

128.4981,
136.6135, 163.3089

■ 6.8467, 7.4056,
10.2579

160.9565,
170.9928, 203.0543

■ 3.4119, 3.7170,
5.4625

198.4665,
210.7041, 248.7758

■ 1.3751, 1.5166,
2.4576

241.3934,

■ 0.2384, 0.3003,

256.1319, 300.8918

0.8176

290.1027,
307.6606, 359.8209

■ 0.0000, 0.0000,
0.0000

■ 41.8737, 44.7289,
55.7168

■ 41.8737, 44.7289,
55.7168

■ 36.3192, 39.2191,
54.9468

■ 48.1496, 50.7934,
56.5573

■ 31.4539, 34.2402,
54.2422

■ 55.1697, 57.4240,
57.4671

■ 27.2489, 29.7752,
53.6020

■ 62.9603, 64.6389,
58.4491

■ 23.6715, 25.8035,
53.0239

■ 71.5455, 72.4535,
59.5050

■ 20.6862, 22.3028,
52.5055

■ 77.7504, 79.2343,
60.4868

■ 18.2532, 19.2489,
52.0443

■ 80.2956, 84.3247,
61.3352

■ 16.3276, 16.6145,
51.6373

■ 82.9751, 89.6836,
62.2284

■ 14.8559, 14.3678,
51.2812

■ 85.7907, 95.3148,
63.1669

■ 13.9299, 12.8132,
51.0299

■ 86.4041, 96.5416,
63.3714

Harmonies

Analogous

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



40.8097, 44.7289, 53.7510



41.8737, 44.7289, 55.7168



43.1297, 44.7289, 55.7418

Triad

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



41.8737, 44.7289, 55.7168



44.9053, 44.7289, 46.9668



40.8309, 44.7289, 43.9217

Complementary

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



41.8737, 44.7289, 55.7168



44.6742, 46.1437, 43.5988

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.



41.9031, 44.7289, 42.2817



41.8737, 44.7289, 55.7168



44.2640, 44.7289, 43.9799

Square

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



41.8737, 44.7289, 55.7168



44.8970, 44.7289, 50.5670



43.1597, 44.7289, 42.3025



40.2159, 44.7289, 46.8837

Rectangle

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



41.8737, 44.7289, 55.7168



43.9079, 44.7289, 54.6479



43.1597, 44.7289, 42.3025



41.1489, 44.7289, 43.2041

Sweetspot

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



41.8750, 44.7308, 55.7178



83.8568, 88.6936, 100.9790



42.8898, 48.8312, 49.6722



18.2204, 19.2902, 22.1484



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.



41.8750, 44.7308, 55.7178



72.7199, 77.8768, 99.4781



39.6979, 40.3766, 54.9921



9.4173, 10.0269, 12.1112



9.2355, 8.5827, 33.5628



0.4269, 0.4665, 1.3364

Inverse Universe

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



43.7278, 42.3780, 49.0571



76.5999, 73.0439, 85.5088



47.0186, 50.8324, 44.3802



9.7325, 9.6173, 10.9802



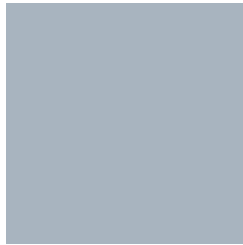
15.6624, 7.8961, 8.7819



0.6464, 0.3224, 0.5171

Previews

White Background



This preview shows how the XYZ color 41.8737, 44.7289, 55.7168 looks on a white background.

Color Contrast Check

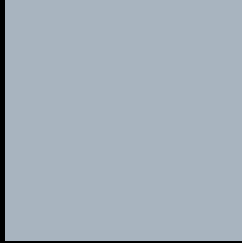
Large Text (above 18pt) WCAG AA × Fail

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 41.8737, 44.7289, 55.7168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

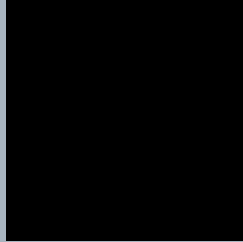
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

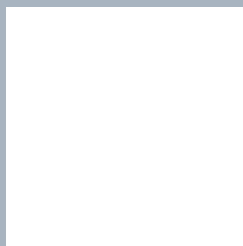
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.8737, 44.7289, 55.7168

Background



This preview shows how black text looks on a background with the XYZ color 41.8737, 44.7289, 55.7168.



This preview shows how white text looks on a background with the XYZ color 41.8737, 44.7289,

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

41.8737, 44.7289, 55.7168

Protanopia

43.2675, 44.5834, 54.4691

Deuteranopia

45.4443, 44.5117, 56.0656



Tritanopia

42.2073, 44.8624, 57.4737

Trichromacy



Original Color

41.8737, 44.7289, 55.7168

Protanomaly

42.6702, 44.5572, 55.0666

Deuteranomaly

44.0958, 44.6802, 56.1692

Tritanomaly

42.0953, 44.8176, 56.8841

Monochromacy



Original Color

41.8737, 44.7289, 55.7168

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.1229, 44.6578, 51.1994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8737, 44.7289, 55.7168 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(168, 180, 191)` looks like.

```
.text, #text, p{  
    color:rgb(168, 180, 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(168, 180, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 180, 191) }
```

Border

The CSS property to change the border of an element to XYZ 41.8737, 44.7289, 55.7168 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(168, 180, 191) }
```


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

```
.border{ border-color:rgb(168, 180, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 180, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 180, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 180, 191);  
box-shadow:4px 4px 4px 4px rgb(168, 180,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8737, 44.7289, 55.7168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 180, 191) }
```

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

```
.background{ background-color: rgb(168,  
180, 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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