

Converting Colors

XYZ(52.3968, 55.3830, 71.5405)

Have a look what the booklet for
XYZ(52.3968, 55.3830, 71.5405)
contains.

XYZ(52.3536, 55.2266, 71.5188)	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(52.3536, 55.2266,
71.5188)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC5D6
RGB	186, 197, 214
RGB Percent	73%, 77%, 84%
CMY	0.2706, 0.2274, 0.1608
CMYK	0.13, 0.08, 0.00, 0.16
HSL	216°, 25%, 78%
HSV	216°, 13%, 84%
XYZ	52.3536, 55.2266, 71.5188
YIQ	195.6490, -12.0130, 2.9550

Conversions

Conversions Part 2

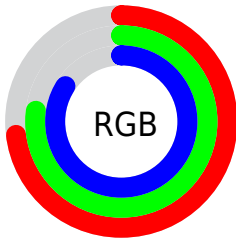
Format	Color
R _Y B	186, 194, 214
Decimal	12240342
CIE Lab	79.17, -0.36, -9.76
CIE LCh	79, 9.771, 267.895
Yxy	55.2266, 0.2923, 0.3084
Android (android.graphics.Color)	4290430422 (0xFFBAC5D6)
YUV	195.6490, 9.0470, -8.4622
Hunter-Lab	74.3146, -4.2998, -5.0392

Details

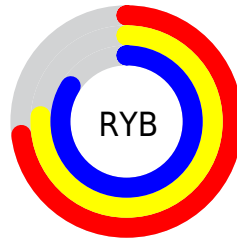
The XYZ color **52.3536, 55.2266, 71.5188** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9509, 60.5532, 55.0893**, and the grayscale version is **52.2132, 54.9324, 59.8213**.

A 20% lighter version of the original color is **90.1098, 96.9809, 108.5776**, and **25.7533, 27.1347, 36.6811** is the 20% darker color. If you saturate the color by 10%, you get **44.7154, 47.0982, 70.3533**, and if you desaturate by 10%, it is **61.0280, 64.2695, 72.8079**.

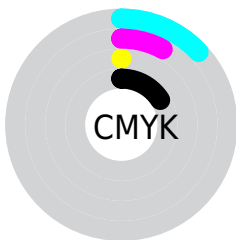
Distribution



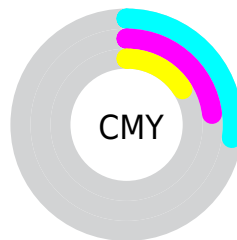
- Red (73%)
- Green (77%)
- Blue (84%)



- Red (73%)
- Yellow (76%)
- Blue (84%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (27%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3536, 55.2266, 71.5188 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 52.3536, 55.2266, 71.5188 by changing the saturation by 10% instead.

■ 52.3536, 55.2266,
71.5188

■ 52.3536, 55.2266,
71.5188

386.1018,
406.7703, 484.7974

■ 37.5124, 39.5832,
52.2813

■ 92.8237, 97.8729,
123.0735

■ 25.7800, 27.2137,
36.8455

119.1832,
125.6445, 156.2277

■ 16.7909, 17.7338,
24.7931

150.1130,
158.2277, 194.8579

■ 10.1799, 10.7590,
15.7053

185.9783,
196.0068, 239.3826

■ 5.5816, 5.9050,
9.1638

227.1444,
239.3662, 290.2204

■ 2.6306, 2.7874,
4.7499

273.9768,

■ 0.9616, 1.0218,

288.6903, 347.7898

2.0451

326.8408,
344.3636, 412.5093

■ 0.0000, 0.0000,
0.5828

■ 0.0000, 0.0000,
0.0000

■ 52.3536, 55.2266,
71.5188

■ 52.3536, 55.2266,
71.5188

■ 44.7154, 47.0982,
70.3533

■ 61.0280, 64.2695,
72.8079

■ 38.0675, 39.8468,
69.3040

■ 70.7720, 74.2489,
74.2206

■ 32.3678, 33.4423,
68.3683

■ 81.6239, 85.1947,
75.7614

■ 27.5692, 27.8502,
67.5418

■ 87.2439, 93.8474,
77.1353

■ 23.6201, 23.0330,
66.8201

■ 89.1378, 97.6351,
77.7666

■ 20.4632, 18.9499,
66.1984

■ 18.0332, 15.5554,
65.6712

■ 16.2524, 12.7967,
65.2326

■ 15.3150, 11.2096,
64.9757

Harmonies

Analogous

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



50.5229, 55.2266, 69.6986



52.3536, 55.2266, 71.5188



54.2657, 55.2266, 70.1348

Triad

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



52.3536, 55.2266, 71.5188



55.8765, 55.2266, 55.2453



49.3776, 55.2266, 54.6020

Complementary

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



52.3536, 55.2266, 71.5188



57.9509, 60.5532, 55.0893

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.



50.7558, 55.2266, 51.1293



52.3536, 55.2266, 71.5188



54.5100, 55.2266, 51.4842

Square

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



52.3536, 55.2266, 71.5188



56.3295, 55.2266, 60.5277



52.6291, 55.2266, 50.0236



48.8314, 55.2266, 59.7387

Rectangle

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



52.3536, 55.2266, 71.5188



55.3235, 55.2266, 67.6263



52.6291, 55.2266, 50.0236



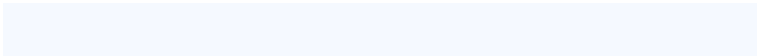
49.7573, 55.2266, 53.2136

Sweetspot

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



52.3552, 55.2289, 71.5200



89.4528, 94.2292, 108.0811



55.0530, 62.8355, 65.6030



18.9275, 19.9421, 23.1016



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



52.3552, 55.2289, 71.5200



74.2013, 78.2690, 105.8043



50.6344, 50.7675, 70.7496



12.1389, 12.8012, 15.7686



9.3515, 6.9647, 39.3046



0.6435, 0.5789, 2.3971

Inverse Universe

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



55.3699, 53.4466, 60.2237



79.6527, 75.1806, 85.3469



59.8318, 65.5177, 55.9484



12.6233, 12.5008, 13.9566



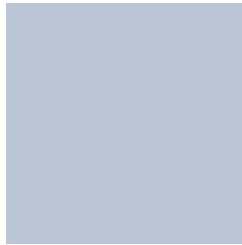
17.7790, 9.0479, 6.1405



1.1124, 0.5618, 0.5815

Previews

White Background



This preview shows how the XYZ color 52.3536, 55.2266, 71.5188 looks on a white background.

Color Contrast Check

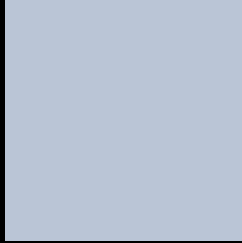
Large Text (above 18pt) WCAG AA × Fail

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 52.3536, 55.2266, 71.5188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

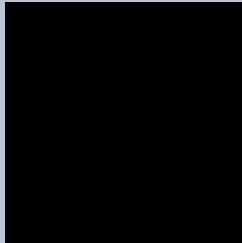
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

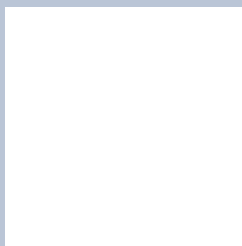
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.3536, 55.2266, 71.5188

Background



This preview shows how black text looks on a background with the XYZ color 52.3536, 55.2266, 71.5188.



This preview shows how white text looks on a background with the XYZ color 52.3536, 55.2266,

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

52.3536, 55.2266, 71.5188

Protanopia

54.0310, 55.4364, 70.8033

Deuteranopia

56.3501, 55.2897, 71.9920



Tritanopia

52.2262, 55.1757, 70.8482

Trichromacy



Original Color

52.3536, 55.2266, 71.5188

Protanomaly

53.4884, 55.4904, 70.8424

Deuteranomaly

54.8889, 55.1883, 72.0494

Tritanomaly

52.2262, 55.1757, 70.8482

Monochromacy



Original Color

52.3536, 55.2266, 71.5188

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.2576, 54.9981, 64.3613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3536, 55.2266, 71.5188 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(186, 197, 214)` looks like.

```
.text, #text, p{  
    color:rgb(186, 197, 214)  
}
```

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(186, 197, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 197, 214) }
```

Border

The CSS property to change the border of an element to XYZ 52.3536, 55.2266, 71.5188 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(186, 197, 214) }
```


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

```
.border{ border-color:rgb(186, 197, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 197, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 197, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 197, 214);  
box-shadow:4px 4px 4px 4px rgb(186, 197,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3536, 55.2266, 71.5188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 197, 214) }
```

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

```
.background{ background-color: rgb(186,  
197, 214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor