

Converting Colors

XYZ(53.4499, 55.5567, 76.1318)

Have a look what the booklet for
XYZ(53.4499, 55.5567, 76.1318)
contains.

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Color

**XYZ(53.5109, 55.7178,
76.3409)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BBC5DD |
| RGB | 187, 197, 221 |
| RGB Percent | 73%, 77%, 87% |
| CMY | 0.2667, 0.2274, 0.1333 |
| CMYK | 0.15, 0.11, 0.00, 0.13 |
| HSL | 222°, 33%, 80% |
| HSV | 222°, 15%, 87% |
| XYZ | 53.5109, 55.7178, 76.3409 |
| YIQ | 196.7460, -13.6640, 5.3440 |

Conversions

Conversions Part 2

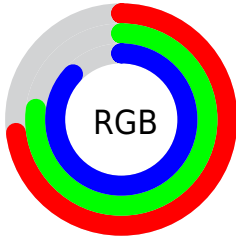
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 187, 195, 221 |
| Decimal | 12305885 |
| CIE _{Lab} | 79.45, 1.43, -13.10 |
| CIE _{LCh} | 79, 13.180, 276.214 |
| Yxy | 55.7178, 0.2884, 0.3003 |
| Android (android.graphics.Color) | 4290495965 (0xFFBBC5DD) |
| YUV | 196.7460, 11.9572, -8.5472 |
| Hunter-Lab | 74.6444, -2.6649, -8.3865 |

Details

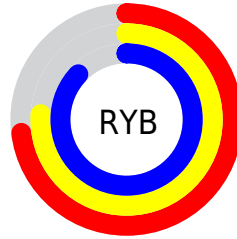
The XYZ color **53.5109, 55.7178, 76.3409** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0830, 65.5482, 56.3947**, and the grayscale version is **52.8553, 55.6078, 60.5569**.

A 20% lighter version of the original color is **90.4540, 97.1583, 108.5937**, and **26.5369, 27.4664, 39.9793** is the 20% darker color. If you saturate the color by 10%, you get **45.1545, 46.4225, 74.9880**, and if you desaturate by 10%, it is **63.0692, 66.1796, 77.8574**.

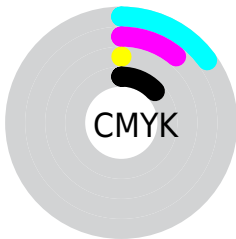
Distribution



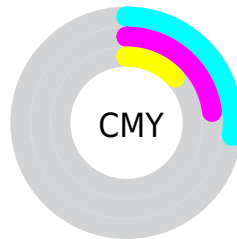
- Red (73%)
- Green (77%)
- Blue (87%)



- Red (73%)
- Yellow (76%)
- Blue (87%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5109, 55.7178, 76.3409 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 53.5109, 55.7178, 76.3409 by changing the saturation by 10% instead.

■ 53.5109, 55.7178,
76.3409

■ 53.5109, 55.7178,
76.3409

390.4710,
408.6271, 501.8917

■ 38.4399, 39.9767,
56.2038

■ 94.5168, 98.5919,
129.9732

■ 26.5030, 27.5204,
39.9612

121.1825,
126.4936, 164.3054

■ 17.3350, 17.9644,
27.1948

152.4437,
159.2177, 204.2064

■ 10.5704, 10.9245,
17.4858

188.6659,
197.1485, 250.0947

■ 5.8439, 6.0161,
10.4159

230.2143,
240.6705, 302.3888

■ 2.7902, 2.8548,
5.5664

277.4544,

■ 1.0438, 1.0564,

290.1680, 361.5073

2.5188

330.7515,
346.0254, 427.8688

■ 0.0000, 0.0000,
0.8501

■ 0.0000, 0.0000,
0.0000

■ 53.5109, 55.7178,
76.3409

■ 53.5109, 55.7178,
76.3409

■ 45.1545, 46.4225,
74.9880

■ 63.0692, 66.1796,
77.8574

■ 37.9460, 38.2451,
73.7896

■ 73.8704, 77.8406,
79.5389

■ 31.8345, 31.1436,
72.7410

■ 85.9598, 90.7407,
81.3916

■ 26.7633, 25.0704,
71.8360

■ 90.0513, 98.0005,
82.5773

■ 22.6702, 19.9744,
71.0681

■ 19.4859, 15.7991,
70.4300

■ 17.1310, 12.4818,
69.9138

■ 15.5105, 9.9493,
69.5104

■ 14.9427, 9.0032,
69.3577

Harmonies

Analogous

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



50.9319, 55.7178, 75.0056



53.5109, 55.7178, 76.3409



56.0221, 55.7178, 73.2028

Triad

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



53.5109, 55.7178, 76.3409



57.1712, 55.7178, 52.4571



48.4363, 55.7178, 54.9766

Complementary

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



53.5109, 55.7178, 76.3409



62.0830, 65.5482, 56.3947

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.



50.0079, 55.7178, 49.6512



53.5109, 55.7178, 76.3409



55.0373, 55.7178, 48.2835

Square

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



53.5109, 55.7178, 76.3409



58.1802, 55.7178, 59.1031



52.4091, 55.7178, 47.3006



48.0582, 55.7178, 62.2586

Rectangle

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



53.5109, 55.7178, 76.3409



57.3015, 55.7178, 69.1386



52.4091, 55.7178, 47.3006



48.8399, 55.7178, 52.9177

Sweetspot

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



53.5126, 55.7201, 76.3421



87.7099, 92.0537, 107.7531



58.0838, 66.9718, 71.3631



18.5603, 19.4715, 23.0301



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.



53.5126, 55.7201, 76.3421



70.6547, 73.3537, 105.0425



53.0193, 52.2051, 75.6897



12.6493, 13.2384, 16.5407



8.7660, 5.4015, 40.3190



0.6416, 0.4974, 2.6366

Inverse Universe

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



57.6685, 54.9452, 60.3921



77.3309, 72.2164, 79.3956



62.6170, 69.6280, 57.1541



13.2129, 13.1142, 14.3821



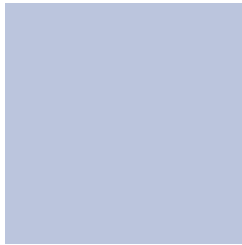
17.9200, 9.1690, 3.9589



1.1982, 0.6089, 0.4524

Previews

White Background



This preview shows how the XYZ color 53.5109, 55.7178, 76.3409 looks on a white background.

Color Contrast Check

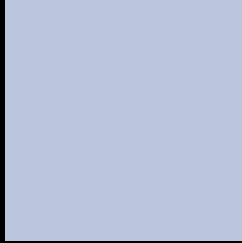
Large Text (above 18pt) WCAG AA × Fail

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 53.5109, 55.7178, 76.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

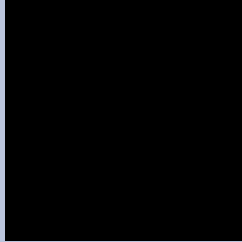
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5109, 55.7178, 76.3409

Background



This preview shows how black text looks on a background with the XYZ color 53.5109, 55.7178, 76.3409.



This preview shows how white text looks on a background with the XYZ color 53.5109, 55.7178,

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

53.5109, 55.7178, 76.3409

Protanopia

54.4257, 55.5350, 75.5609

Deuteranopia

56.9363, 55.8106, 76.8789



Tritanopia

52.5814, 55.6823, 71.5948

Trichromacy



Original Color

53.5109, 55.7178, 76.3409

Protanomaly

54.1441, 55.7235, 75.6122

Deuteranomaly

55.7653, 55.8633, 76.9508

Tritanomaly

52.9682, 55.8370, 73.6315

Monochromacy



Original Color

53.5109, 55.7178, 76.3409

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.0991, 55.7262, 66.3501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5109, 55.7178, 76.3409 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(187, 197, 221)` looks like.

```
.text, #text, p{  
    color:rgb(187, 197, 221)  
}
```

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(187, 197, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 197, 221) }
```

Border

The CSS property to change the border of an element to XYZ 53.5109, 55.7178, 76.3409 is called "border". The border property can be set on classes, ids or directly on the HTML element.

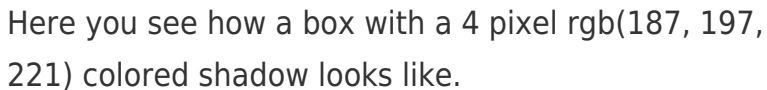
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 197, 221) }
```


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

```
.border{ border-color:rgb(187, 197, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 197, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 197, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 197, 221); box-shadow:4px 4px 4px 4px rgb(187, 197, 221) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5109, 55.7178, 76.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 197, 221) }
```

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

```
.background{ background-color: rgb(187,  
197, 221) }
```

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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