

Converting Colors

XYZ(51.9545, 53.7894, 72.7868)

Have a look what the booklet for
XYZ(51.9545, 53.7894, 72.7868)
contains.

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Color

**XYZ(51.7143, 53.5369,
72.5738)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC1D8
RGB	186, 193, 216
RGB Percent	73%, 76%, 85%
CMY	0.2706, 0.2431, 0.1529
CMYK	0.14, 0.11, 0.00, 0.15
HSL	226°, 28%, 79%
HSV	226°, 14%, 85%
XYZ	51.7143, 53.5369, 72.5738
YIQ	193.5290, -11.5550, 5.6690

Conversions

Conversions Part 2

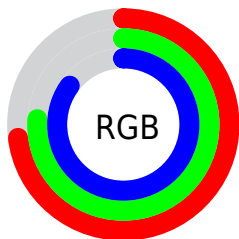
Format	Color
RYB	186, 192, 216
Decimal	12239320
CIELab	78.19, 2.19, -12.31
CIELCh	78, 12.500, 280.105
Yxy	53.5369, 0.2908, 0.3011
Android (android.graphics.Color)	4290429400 (0xFFBAC1D8)
YUV	193.5290, 11.0782, -6.6029
Hunter-Lab	73.1689, -1.8854, -7.5895

Details

The XYZ color **51.7143, 53.5369, 72.5738** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9826, 63.7447, 55.5979**, and the grayscale version is **50.9429, 53.5959, 58.3659**.

A 20% lighter version of the original color is **88.5436, 93.8486, 108.0556**, and **25.4840, 26.3159, 37.4545** is the 20% darker color. If you saturate the color by 10%, you get **43.4007, 44.1192, 71.1950**, and if you desaturate by 10%, it is **61.2342, 64.1877, 74.1287**.

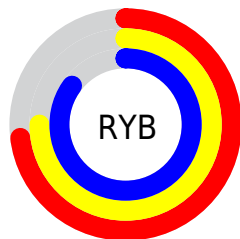
Distribution



Red (73%)

Green (76%)

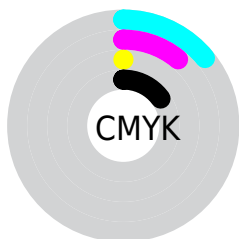
Blue (85%)



Red (73%)

Yellow (75%)

Blue (85%)

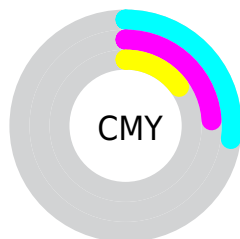


Cyan (14%)

Magenta (11%)

Yellow (0%)

Black (15%)



Cyan (27%)

Magenta (24%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7143, 53.5369, 72.5738 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 51.7143, 53.5369, 72.5738 by changing the saturation by 10% instead.

■ 51.7143, 53.5369,
72.5738

■ 51.7143, 53.5369,
72.5738

383.6747,
400.3416, 488.5675

■ 37.0007, 38.2315,
53.1378

■ 91.8865, 95.3939,
124.5873

■ 25.3817, 26.1624,
37.5243

118.0758,
122.7144, 158.0019

■ 16.4919, 16.9452,
25.3148

148.8211,
154.8087, 196.9131

■ 9.9660, 10.1954,
16.0906

184.4878,
192.0613, 241.7395

■ 5.4385, 5.5287,
9.4332

225.4411,
234.8564, 292.8996

■ 2.5441, 2.5607,
4.9242

272.0465,

■ 0.9176, 0.9070,

283.5786, 350.8119

2.1449

324.6692,
338.6122, 415.8950

■ 0.0000, 0.0000,
0.6423

■ 0.0000, 0.0000,
0.0000

■ 51.7143, 53.5369,
72.5738

■ 51.7143, 53.5369,
72.5738

■ 43.4007, 44.1192,
71.1950

■ 61.2342, 64.1877,
74.1287

■ 36.2396, 35.8827,
69.9826

■ 72.0016, 76.1076,
75.8620

■ 30.1803, 28.7816,
68.9314

■ 84.0618, 89.3396,
77.7804

■ 25.1663, 22.7644,
68.0342

■ 89.3948, 97.7379,
79.1203

■ 21.1358, 17.7757,
67.2837

■ 18.0204, 13.7545,
66.6717

■ 15.7419, 10.6332,
66.1893

■ 14.2080, 8.3335,
65.8263

■ 13.5535, 7.2752,
65.6565

Harmonies

Analogous

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



49.3025, 53.5369, 71.8879



51.7143, 53.5369, 72.5738



53.9734, 53.5369, 69.2061

Triad

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



51.7143, 53.5369, 72.5738



54.5654, 53.5369, 50.0443



46.5924, 53.5369, 53.8309

Complementary

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



51.7143, 53.5369, 72.5738



59.9826, 63.7447, 55.5979

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.



47.9172, 53.5369, 48.5913



51.7143, 53.5369, 72.5738



52.5014, 53.5369, 46.5294

Square

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



51.7143, 53.5369, 72.5738



55.6540, 53.5369, 55.9627



50.0650, 53.5369, 46.0197



46.3969, 53.5369, 60.6863

Rectangle

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



51.7143, 53.5369, 72.5738



55.0696, 53.5369, 65.2621



50.0650, 53.5369, 46.0197



46.9184, 53.5369, 51.8378

Sweetspot

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



51.7159, 53.5391, 72.5750



88.9526, 93.2288, 107.9144



56.2533, 64.1305, 69.4120



18.8012, 19.6895, 23.0595



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.



51.7159, 53.5391, 72.5750



71.1605, 73.2850, 105.0026



52.0746, 51.4800, 72.1586



11.9755, 12.4745, 15.7142



8.0912, 4.4441, 38.8845



0.5523, 0.3967, 2.3668

Inverse Universe

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



55.5047, 53.5681, 57.8689



77.8499, 73.4337, 79.0159



59.5730, 66.1403, 56.0819



12.5409, 12.4678, 13.5224



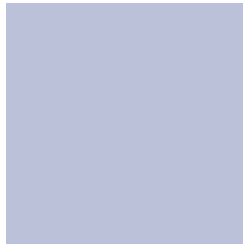
17.1429, 8.7935, 2.7906



1.0664, 0.5434, 0.3392

Previews

White Background



This preview shows how the XYZ color 51.7143, 53.5369, 72.5738 looks on a white background.

Color Contrast Check

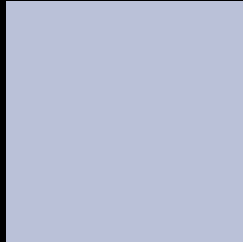
Large Text (above 18pt) WCAG AA × Fail

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 51.7143, 53.5369, 72.5738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

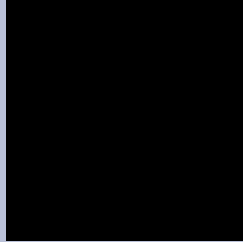
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.7143, 53.5369, 72.5738

Background



This preview shows how black text looks on a background with the XYZ color 51.7143, 53.5369, 72.5738.

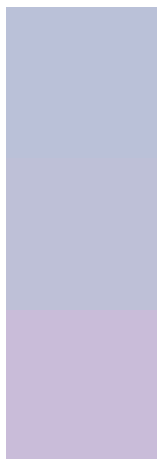


This preview shows how white text looks on a background with the XYZ color 51.7143, 53.5369,

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

51.7143, 53.5369, 72.5738

Protanopia

52.3506, 53.5527, 71.8675

Deuteranopia

54.5950, 53.3937, 73.0742



Tritanopia

50.8080, 53.5013, 67.9705

Trichromacy



Original Color

51.7143, 53.5369, 72.5738

Protanomaly

52.1016, 53.4244, 71.8559

Deuteranomaly

53.7028, 53.5724, 73.1557

Tritanomaly

51.1830, 53.6513, 69.9455

Monochromacy



Original Color

51.7143, 53.5369, 72.5738

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.4383, 53.9242, 63.5744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7143, 53.5369, 72.5738 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, 193, 216) looks like.

```
.text, #text, p{  
    color:rgb(186, 193, 216)  
}
```

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, 193, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 193, 216) }
```

Border

The CSS property to change the border of an element to XYZ 51.7143, 53.5369, 72.5738 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, 193, 216) }
```


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

```
.border{ border-color:rgb(186, 193, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 193, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 193, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 193, 216);  
box-shadow:4px 4px 4px 4px rgb(186, 193,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7143, 53.5369, 72.5738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 193, 216) }
```

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

```
.background{ background-color: rgb(186,  
193, 216) }
```

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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