

Converting Colors

XYZ(51.7569, 55.8083, 65.7274)

Have a look what the booklet for
XYZ(51.7569, 55.8083, 65.7274)
contains.

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Color

**XYZ(51.6926, 55.6937,
65.7831)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC7CD
RGB	186, 199, 205
RGB Percent	73%, 78%, 80%
CMY	0.2706, 0.2196, 0.1961
CMYK	0.09, 0.03, 0.00, 0.20
HSL	199°, 16%, 77%
HSV	199°, 9%, 80%
XYZ	51.6926, 55.6937, 65.7831
YIQ	195.7970, -9.6740, -0.8900

Conversions

Conversions Part 2

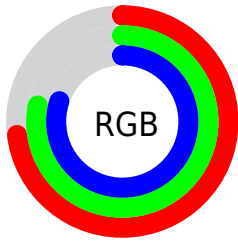
Format	Color
RYB	186, 194, 205
Decimal	12240845
CIELab	79.44, -3.24, -4.53
CIELCh	79, 5.568, 234.363
Yxy	55.6937, 0.2985, 0.3216
Android (android.graphics.Color)	4290430925 (0xFFBAC7CD)
YUV	195.7970, 4.5371, -8.5920
Hunter-Lab	74.6282, -6.9581, -0.0231

Details

The XYZ color **51.6926, 55.6937, 65.7831** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.8898, 54.2234, 54.1340**, and the grayscale version is **52.3269, 55.0520, 59.9516**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **25.3842, 27.4717, 33.2428** is the 20% darker color. If you saturate the color by 10%, you get **45.6083, 50.3951, 65.0819**, and if you desaturate by 10%, it is **58.5580, 61.4919, 66.5413**.

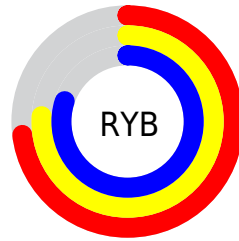
Distribution



Red (73%)

Green (78%)

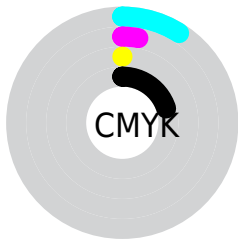
Blue (80%)



Red (73%)

Yellow (76%)

Blue (80%)

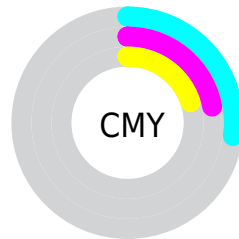


Cyan (9%)

Magenta (3%)

Yellow (0%)

Black (20%)



Cyan (27%)

Magenta (22%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6926, 55.6937, 65.7831 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 51.6926, 55.6937, 65.7831 by changing the saturation by 10% instead.

■ 51.6926, 55.6937,
65.7831

■ 51.6926, 55.6937,
65.7831

383.5922,
408.5362, 463.9838

■ 36.9834, 39.9574,
47.6410

■ 91.8546, 98.5566,
114.7990

■ 25.3682, 27.5053,
33.1847

118.0382,
126.4520, 146.5099

■ 16.4818, 17.9531,
21.9957

148.7772,
159.1692, 183.5807

■ 9.9587, 10.9163,
13.6554

184.4371,
197.0926, 226.4301

■ 5.4337, 6.0106,
7.7454

225.3832,
240.6066, 275.4766

■ 2.5412, 2.8515,
3.8471

271.9808,

■ 0.9161, 1.0547,

290.0956, 331.1386

1.5418

324.5954,
345.9440, 393.8349

■ 0.0000, 0.0000,
0.2488

■ 0.0000, 0.0000,
0.0000

■ 51.6926, 55.6937,
65.7831

■ 51.6926, 55.6937,
65.7831

■ 45.6083, 50.3951,
65.0819

■ 58.5580, 61.4919,
66.5413

■ 40.2691, 45.5720,
64.4324

■ 66.2288, 67.7990,
67.3544

■ 35.6435, 41.2085,
63.8339

■ 74.7344, 74.6326,
68.2251

■ 31.6956, 37.2847,
63.2846

■ 79.1544, 79.4574,
68.9234

■ 28.3861, 33.7793,
62.7825

■ 80.9358, 83.0203,
69.5172

■ 25.6716, 30.6687,
62.3251

■ 82.7843, 86.7173,
70.1334

■ 23.5027, 27.9260,
61.9100

■ 84.7005, 90.5496,
70.7721

■ 21.8213, 25.5201,
61.5343

■ 86.6851, 94.5188,
71.4337

■ 20.5291, 23.3988,
61.1929

■ 88.0196, 97.1878,
71.8785

Harmonies

Analogous

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



51.0011, 55.6937, 63.2161



51.6926, 55.6937, 65.7831



52.7243, 55.6937, 66.9760

Triad

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



51.6926, 55.6937, 65.7831



55.1033, 55.6937, 61.2477



52.0534, 55.6937, 55.2041

Complementary

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



51.6926, 55.6937, 65.7831



52.8898, 54.2234, 54.1340

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.



53.1466, 55.6937, 54.7186



51.6926, 55.6937, 65.7831



54.9176, 55.6937, 58.1368

Square

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



51.6926, 55.6937, 65.7831



54.7015, 55.6937, 64.2991



54.1975, 55.6937, 55.7740



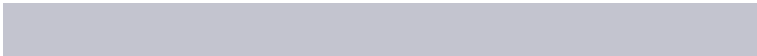
51.2073, 55.6937, 57.1243

Rectangle

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



51.6926, 55.6937, 65.7831



53.4702, 55.6937, 66.8024



54.1975, 55.6937, 55.7740



52.4038, 55.6937, 54.8706

Sweetspot

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



51.6942, 55.6960, 65.7843



91.5258, 97.0469, 108.5157



51.5632, 57.8952, 58.1533



19.3931, 20.6059, 23.2052



0.0000, 0.0000, 0.0000



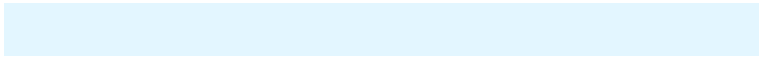
20.3446, 21.4041, 23.3091

Same Dimension

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



51.6942, 55.6960, 65.7843



82.7130, 89.5433, 107.5319



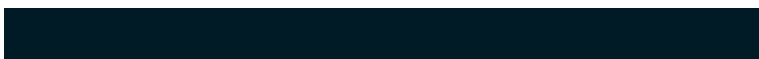
49.6403, 51.5883, 65.0997



11.2330, 12.1065, 14.3151



12.8135, 14.6509, 38.1088



0.7272, 0.8882, 1.9881

Inverse Universe

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



53.0458, 52.2217, 61.3195



85.3524, 82.8336, 98.7964



54.9740, 58.3919, 54.8288



11.5310, 11.3411, 13.3307



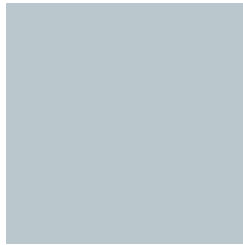
18.6785, 9.2820, 16.5578



0.9970, 0.4922, 1.0301

Previews

White Background



This preview shows how the XYZ color 51.6926, 55.6937, 65.7831 looks on a white background.

Color Contrast Check

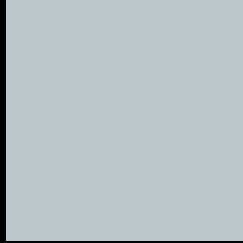
Large Text (above 18pt) WCAG AA × Fail

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 51.6926, 55.6937, 65.7831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

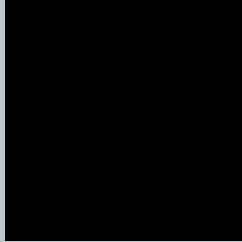
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

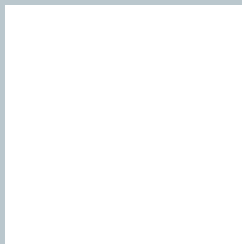
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.6926, 55.6937, 65.7831

Background



This preview shows how black text looks on a background with the XYZ color 51.6926, 55.6937, 65.7831.

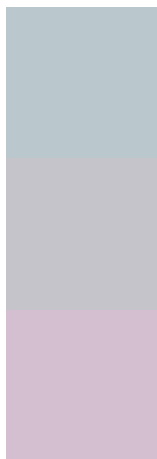


This preview shows how white text looks on a background with the XYZ color 51.6926, 55.6937,

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

51.6926, 55.6937, 65.7831

Protanopia

53.8081, 55.7974, 64.4339

Deuteranopia

56.7573, 55.6155, 66.7749



Tritanopia

52.6978, 55.7571, 70.9355

Trichromacy



Original Color

51.6926, 55.6937, 65.7831

Protanomaly

53.1135, 55.7615, 65.0904

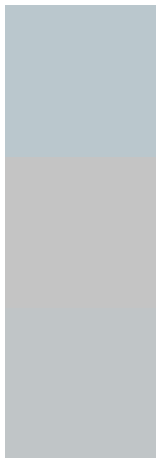
Deuteranomaly

54.7895, 55.5964, 66.2360

Tritanomaly

52.3205, 55.6061, 68.9482

Monochromacy



Original Color

51.6926, 55.6937, 65.7831

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.0133, 55.2625, 61.9582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6926, 55.6937, 65.7831 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, 199, 205)` looks like.

```
.text, #text, p{  
    color:rgb(186, 199, 205)  
}
```

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, 199, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 199, 205) }
```

Border

The CSS property to change the border of an element to XYZ 51.6926, 55.6937, 65.7831 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, 199, 205) }
```


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

```
.border{ border-color:rgb(186, 199, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 199, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 199, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 199, 205);  
box-shadow:4px 4px 4px 4px rgb(186, 199,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6926, 55.6937, 65.7831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 199, 205) }
```

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

```
.background{ background-color: rgb(186,  
199, 205) }
```

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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