

Converting Colors

XYZ(51.0803, 55.3841, 62.9851)

Have a look what the booklet for
XYZ(51.0803, 55.3841, 62.9851)
contains.

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Color

**XYZ(51.2157, 55.5030,
63.2721)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC7C9
RGB	186, 199, 201
RGB Percent	73%, 78%, 79%
CMY	0.2706, 0.2196, 0.2118
CMYK	0.07, 0.01, 0.00, 0.21
HSL	188°, 12%, 76%
HSV	188°, 7%, 79%
XYZ	51.2157, 55.5030, 63.2721
YIQ	195.3410, -8.3900, -2.1340

Conversions

Conversions Part 2

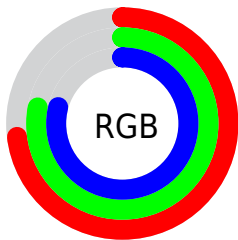
Format	Color
R_{YB}	186, 193, 201
Decimal	12240841
CIE _{Lab}	79.33, -4.03, -2.53
CIE _{LCh}	79, 4.763, 212.143
Yxy	55.5030, 0.3013, 0.3265
Android (android.graphics.Color)	4290430921 (0xFFBAC7C9)
YUV	195.3410, 2.7899, -8.1921
Hunter-Lab	74.5003, -7.6647, 1.7961

Details

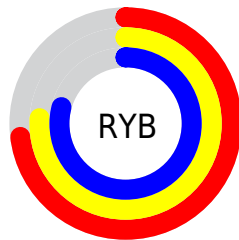
The XYZ color **51.2157, 55.5030, 63.2721** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.9337, 51.9286, 53.7939**, and the grayscale version is **52.0639, 54.7752, 59.6502**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **25.0647, 27.3439, 31.5606** is the 20% darker color. If you saturate the color by 10%, you get **46.0622, 51.9418, 62.8572**, and if you desaturate by 10%, it is **57.0702, 59.4446, 63.7252**.

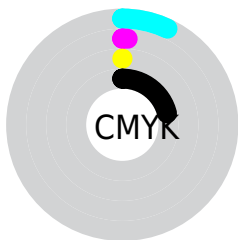
Distribution



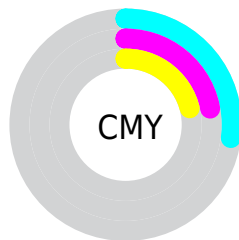
- Red (73%)
- Green (78%)
- Blue (79%)



- Red (73%)
- Yellow (76%)
- Blue (79%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (21%)



- Cyan (27%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.2157, 55.5030, 63.2721 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 51.2157, 55.5030, 63.2721 by changing the saturation by 10% instead.

■ 51.2157, 55.5030,
63.2721

■ 51.2157, 55.5030,
63.2721

381.7751,
407.8158, 454.6914

■ 36.6020, 39.8046,
45.6190

■ 91.1546, 98.2775,
111.1513

■ 25.0718, 27.3862,
31.5987

117.2106,
126.1225, 142.2145

■ 16.2596, 17.8635,
20.7929

147.8114,
158.7850, 178.5848

■ 9.8000, 10.8520,
12.7830

183.3224,
196.6495, 220.6807

■ 5.3278, 5.9674,
7.1503

224.1089,
240.1005, 268.9208

■ 2.4776, 2.8253,
3.4764

270.5363,

■ 0.8840, 1.0412,

289.5223, 323.7235

1.3427

322.9699,
345.2992, 385.5076

■ 0.0000, 0.0000,
0.0964

■ 0.0000, 0.0000,
0.0000

■ 51.2157, 55.5030,
63.2721

■ 51.2157, 55.5030,
63.2721

■ 46.0622, 51.9418,
62.8572

■ 57.0702, 59.4446,
63.7252

■ 41.5762, 48.7393,
62.4755

■ 63.6477, 63.7736,
64.2141

■ 37.7288, 45.8818,
62.1267

■ 70.9753, 68.5055,
64.7413

■ 34.4871, 43.3524,
61.8094

■ 74.7572, 71.4259,
65.1056

■ 31.8150, 41.1324,
61.5217

■ 75.4221, 72.7558,
65.3273

■ 29.6726, 39.2012,
61.2618

■ 76.0982, 74.1079,
65.5526

■ 28.0150, 37.5354,
61.0277

■ 76.7854, 75.4823,
65.7817

■ 26.7894, 36.1078,
60.8167

■ 77.4837, 76.8790,
66.0145

■ 25.9217, 34.8801,
60.6255

■ 78.1934, 78.2983,
66.2510

Harmonies

Analogous

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



50.9417, 55.5030, 60.6300



51.2157, 55.5030, 63.2721



51.9013, 55.5030, 65.1988

Triad

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



51.2157, 55.5030, 63.2721



54.3927, 55.5030, 62.9219



52.6854, 55.5030, 55.3333

Complementary

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



51.2157, 55.5030, 63.2721



50.9337, 51.9286, 53.7939

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.



53.6159, 55.5030, 55.9060



51.2157, 55.5030, 63.2721



54.6086, 55.5030, 60.2371

Square

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



51.2157, 55.5030, 63.2721



53.7361, 55.5030, 64.9923



54.3227, 55.5030, 57.6808



51.7839, 55.5030, 56.0927

Rectangle

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



51.2157, 55.5030, 63.2721



52.5035, 55.5030, 65.7891



54.3227, 55.5030, 57.6808



53.0051, 55.5030, 55.3764

Sweetspot

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



51.2173, 55.5053, 63.2733



92.9823, 98.6131, 108.7413



50.1873, 55.8333, 55.5683



19.9237, 21.1218, 23.2768



0.0000, 0.0000, 0.0000



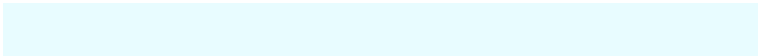
20.3446, 21.4041, 23.3091

Same Dimension

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



51.2173, 55.5053, 63.2733



86.1381, 93.9704, 108.2059



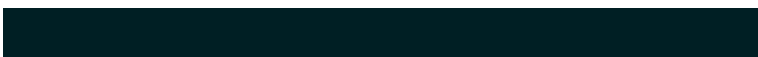
49.5879, 52.2466, 62.7302



10.8217, 11.8174, 13.6281



16.2239, 21.8417, 38.1051



0.8025, 1.1028, 1.8157

Inverse Universe

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



51.9563, 51.6598, 61.2686



87.6727, 86.0262, 104.0336



52.5223, 55.1059, 54.3234



11.0200, 10.7914, 13.0887



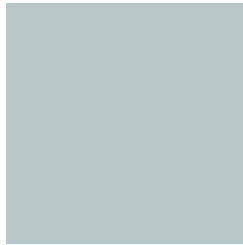
19.9884, 9.7449, 26.2125



0.9638, 0.4683, 1.3323

Previews

White Background



This preview shows how the XYZ color 51.2157, 55.5030, 63.2721 looks on a white background.

Color Contrast Check

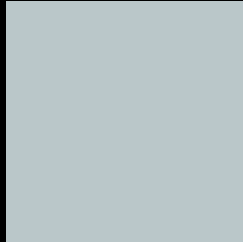
Large Text (above 18pt) WCAG AA × Fail

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 51.2157, 55.5030, 63.2721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

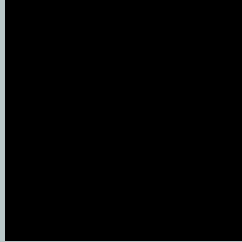
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

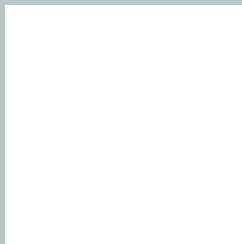
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.2157, 55.5030, 63.2721

Background



This preview shows how black text looks on a background with the XYZ color 51.2157, 55.5030, 63.2721.

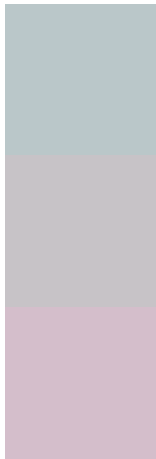


This preview shows how white text looks on a background with the XYZ color 51.2157, 55.5030,

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

51.2157, 55.5030, 63.2721

Protanopia

53.3771, 55.2958, 61.8927

Deuteranopia

56.3443, 55.1358, 64.1725



Tritanopia

52.7155, 55.4280, 70.8711

Trichromacy



Original Color

51.2157, 55.5030, 63.2721

Protanomaly

52.4134, 55.1193, 62.5202

Deuteranomaly

54.3592, 55.1007, 63.6476

Tritanomaly

52.1962, 55.5564, 68.2940

Monochromacy



Original Color

51.2157, 55.5030, 63.2721

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.5562, 54.7175, 60.6676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2157, 55.5030, 63.2721 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(186, 199, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 199, 201) }
```

Border

The CSS property to change the border of an element to XYZ 51.2157, 55.5030, 63.2721 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, 201) }
```


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

```
.border{ border-color:rgb(186, 199, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 199, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 199, 201);  
box-shadow:4px 4px 4px 4px rgb(186, 199,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2157, 55.5030, 63.2721 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, 201) }
```

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

```
.background{ background-color: rgb(186,  
199, 201) }
```

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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