

Converting Colors

XYZ(54.7131, 62.3234, 63.7895)

Have a look what the booklet for
XYZ(54.7131, 62.3234, 63.7895)
contains.

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Color

**XYZ(54.7131, 62.3234,
63.7895)**

Conversions

Conversions Part 1

Format	Color
Hex	BBD5C8
RGB	187, 213, 200
RGB Percent	73%, 84%, 78%
CMY	0.2667, 0.1647, 0.2157
CMYK	0.12, 0.00, 0.06, 0.16
HSL	150°, 24%, 78%
HSV	150°, 12%, 84%
XYZ	54.7131, 62.3234, 63.7895
YIQ	203.7440, -11.3230, -9.5550

Conversions

Conversions Part 2

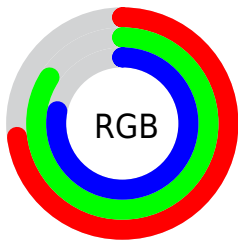
Format	Color
R_{YB}	187, 204, 213
Decimal	12309960
CIE _{Lab}	83.09, -11.16, 3.49
CIE _{LCh}	83, 11.692, 162.653
Y _{xy}	62.3234, 0.3026, 0.3447
Android (android.graphics.Color)	4290500040 (0xFFBBD5C8)
YUV	203.7440, -1.8458, -14.6845
Hunter-Lab	78.9452, -14.4443, 7.3539

Details

The XYZ color **54.7131, 62.3234, 63.7895** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.6385, 53.8585, 62.1098**, and the grayscale version is **57.2507, 60.2322, 65.5929**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **27.2467, 31.5974, 31.8570** is the 20% darker color. If you saturate the color by 10%, you get **48.6821, 59.3549, 57.2344**, and if you desaturate by 10%, it is **61.6073, 65.7303, 70.8404**.

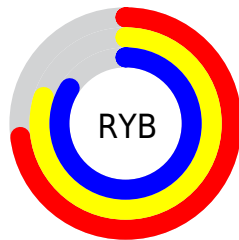
Distribution



Red (73%)

Green (84%)

Blue (78%)



Red (73%)

Yellow (80%)

Blue (84%)

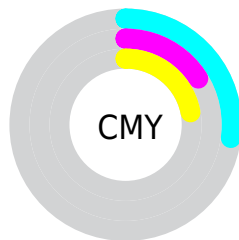


Cyan (12%)

Magenta (0%)

Yellow (6%)

Black (16%)



Cyan (27%)

Magenta (16%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7131, 62.3234, 63.7895 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 54.7131, 62.3234, 63.7895 by changing the saturation by 10% instead.

■ 54.7131, 62.3234,
63.7895

■ 54.7131, 62.3234,
63.7895

394.9776,
433.1098, 456.6157

■ 39.4050, 45.2941,
46.0351

■ 96.2713, 108.1928,
111.9043

■ 27.2571, 31.6891,
31.9247

123.2520,
137.8016, 143.1017

■ 17.9040, 21.1242,
21.0396

154.8544,
172.3725, 179.6173

■ 10.9803, 13.2148,
12.9614

191.4437,
212.2896, 221.8695

■ 6.1208, 7.5766,
7.2716

233.3853,
257.9376, 270.2769

■ 2.9600, 3.8253,
3.5515

281.0446,

■ 1.1327, 1.5763,

309.7006, 325.2581

1.3827

334.7869,
367.9632, 387.2315

■ 0.0522, 0.3415,
0.1282

■ 0.0000, 0.0000,
0.0000

■ 54.7131, 62.3234,
63.7895

■ 54.7131, 62.3234,
63.7895

■ 48.6821, 59.3549,
57.2344

■ 61.6073, 65.7303,
70.8404

■ 43.4734, 56.7988,
51.1601

■ 69.3929, 69.5849,
78.3934

■ 39.0504, 54.6381,
45.5567

■ 78.1034, 73.9058,
86.4600

■ 35.3719, 52.8518,
40.4127

■ 81.1539, 75.2982,
94.7405

■ 32.3924, 51.4167,
35.7156

■ 82.8064, 75.9592,
103.4424

■ 30.0614, 50.3069,
31.4528

■ 83.0854, 76.0708,
104.9118

■ 28.3209, 49.4929,
27.6104

■ 27.1018, 48.9393,
24.1740

■ 26.4225, 48.6416,
21.7656

Harmonies

Analogous

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



56.0010, 62.3234, 58.1194



54.7131, 62.3234, 63.7895



54.6153, 62.3234, 70.9575

Triad

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



54.7131, 62.3234, 63.7895



60.3086, 62.3234, 82.3822



62.8871, 62.3234, 58.8503

Complementary

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



54.7131, 62.3234, 63.7895



55.6385, 53.8585, 62.1098

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.



64.1113, 62.3234, 64.8532



54.7131, 62.3234, 63.7895



62.5943, 62.3234, 78.6314

Square

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



54.7131, 62.3234, 63.7895



57.7978, 62.3234, 82.0465



64.0026, 62.3234, 72.0992



60.6990, 62.3234, 55.4102

Rectangle

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



54.7131, 62.3234, 63.7895



55.2341, 62.3234, 75.6581



64.0026, 62.3234, 72.0992



63.4278, 62.3234, 60.6163

Sweetspot

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



54.7148, 62.3260, 63.7909



90.5860, 97.7923, 104.4612



56.7014, 63.5183, 56.2864



19.2147, 20.8454, 22.1833



0.0000, 0.0000, 0.0000



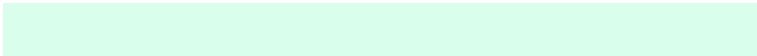
20.3446, 21.4041, 23.3091

Same Dimension

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



54.7148, 62.3260, 63.7909



79.4228, 92.2822, 92.8861



56.2452, 62.9382, 71.8497



12.5187, 13.9985, 14.5462



16.1908, 29.7317, 13.5664



1.0183, 1.8100, 1.0383

Inverse Universe

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



55.6385, 53.8585, 62.1098



81.1110, 76.8059, 89.8135



54.2289, 53.2947, 54.6870



12.6797, 12.5234, 14.2533



18.4190, 9.3039, 9.5104



1.1527, 0.5779, 0.7936

Previews

White Background



This preview shows how the XYZ color 54.7131, 62.3234, 63.7895 looks on a white background.

Color Contrast Check

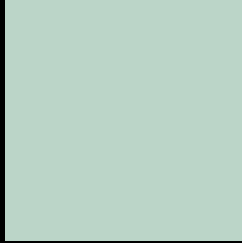
Large Text (above 18pt) WCAG AA × Fail

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 54.7131, 62.3234, 63.7895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

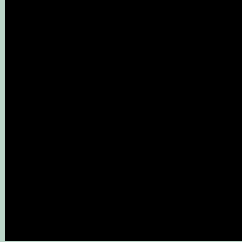
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

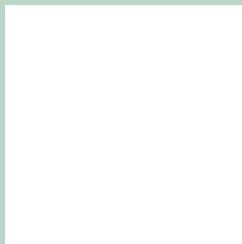
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.7131, 62.3234, 63.7895

Background



This preview shows how black text looks on a background with the XYZ color 54.7131, 62.3234, 63.7895.

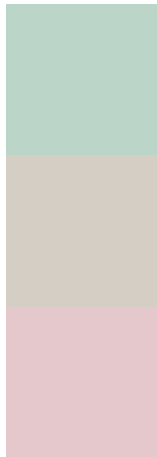


This preview shows how white text looks on a background with the XYZ color 54.7131, 62.3234,

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

54.7131, 62.3234, 63.7895

Protanopia

59.4757, 62.2743, 61.1100

Deuteranopia

63.4287, 62.1143, 65.1461



Tritanopia

58.0138, 62.1683, 80.8935

Trichromacy



Original Color

54.7131, 62.3234, 63.7895

Protanomaly

57.7803, 62.4695, 61.8358

Deuteranomaly

59.9326, 62.0730, 64.6996

Tritanomaly

56.8062, 62.0501, 74.6285

Monochromacy



Original Color

54.7131, 62.3234, 63.7895

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.3810, 60.9432, 65.2915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7131, 62.3234, 63.7895 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, 213, 200)` looks like.

```
.text, #text, p{  
    color:rgb(187, 213, 200)  
}
```

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, 213, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 213, 200) }
```

Border

The CSS property to change the border of an element to XYZ 54.7131, 62.3234, 63.7895 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, 213, 200) }
```


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

```
.border{ border-color:rgb(187, 213, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 213, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 213, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 213, 200);  
box-shadow:4px 4px 4px 4px rgb(187, 213,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7131, 62.3234, 63.7895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 213, 200) }
```

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

```
.background{ background-color: rgb(187,  
213, 200) }
```

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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