

Converting Colors

XYZ(55.3231, 62.6244, 64.4302)

Have a look what the booklet for
XYZ(55.3231, 62.6244, 64.4302)
contains.

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Color

**XYZ(55.3231, 62.6244,
64.4302)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD5C9
RGB	189, 213, 201
RGB Percent	74%, 84%, 79%
CMY	0.2588, 0.1647, 0.2118
CMYK	0.11, 0.00, 0.06, 0.16
HSL	150°, 22%, 79%
HSV	150°, 11%, 84%
XYZ	55.3231, 62.6244, 64.4302
YIQ	204.4560, -10.4520, -8.8200

Conversions

Conversions Part 2

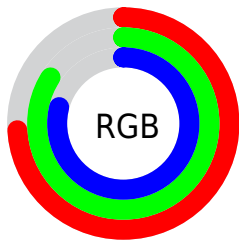
Format	Color
R _Y B	189, 205, 213
Decimal	12441033
CIE Lab	83.24, -10.31, 3.20
CIE LCh	83, 10.793, 162.740
Yxy	62.6244, 0.3033, 0.3434
Android (android.graphics.Color)	4290631113 (0xFFBDD5C9)
YUV	204.4560, -1.7038, -13.5549
Hunter-Lab	79.1356, -13.6992, 7.1225

Details

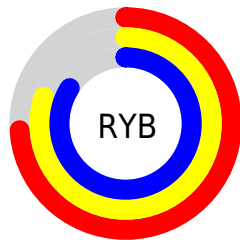
The XYZ color **55.3231, 62.6244, 64.4302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1830, 54.7599, 62.8697**, and the grayscale version is **57.6997, 60.7046, 66.1073**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **27.6467, 31.7945, 32.2836** is the 20% darker color. If you saturate the color by 10%, you get **49.2129, 59.6160, 57.8292**, and if you desaturate by 10%, it is **62.2998, 66.0729, 71.5280**.

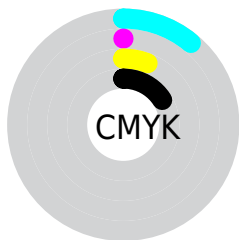
Distribution



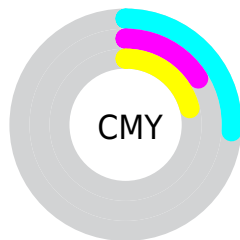
- Red (74%)
- Green (84%)
- Blue (79%)



- Red (74%)
- Yellow (80%)
- Blue (84%)



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (26%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3231, 62.6244, 64.4302 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 55.3231, 62.6244, 64.4302 by changing the saturation by 10% instead.

■ 55.3231, 62.6244,
64.4302

■ 55.3231, 62.6244,
64.4302

397.2520,
434.2051, 458.9916

■ 39.8953, 45.5374,
46.5508

■ 97.1598, 108.6275,
112.8357

■ 27.6408, 31.8809,
32.3289

124.2993,
138.3123, 144.1988

■ 18.1941, 21.2706,
21.3459

156.0736,
172.9653, 180.8936

■ 11.1900, 13.3219,
13.1834

192.8478,
212.9707, 223.3387

■ 6.2630, 7.6506,
7.4227

234.9875,
258.7130, 271.9524

■ 3.0478, 3.8722,
3.6454

282.8578,

■ 1.1791, 1.6023,

310.5766, 327.1535

1.4329

336.8242,
368.9458, 389.3603

■ 0.0898, 0.3592,
0.1672

■ 0.0000, 0.0000,
0.0000

■ 55.3231, 62.6244,
64.4302

■ 55.3231, 62.6244,
64.4302

■ 49.2129, 59.6160,
57.8292

■ 62.2998, 66.0729,
71.5280

■ 43.9283, 57.0217,
51.7101

■ 70.1709, 69.9705,
79.1289

■ 39.4333, 54.8248,
46.0630

■ 78.9698, 74.3360,
87.2443

■ 35.6868, 53.0043,
40.8763

■ 81.3051, 75.3588,
95.5367

■ 32.6437, 51.5372,
36.1378

■ 82.9665, 76.0234,
104.2852

■ 30.2541, 50.3981,
31.8347

■ 83.0855, 76.0709,
104.9118

■ 28.4610, 49.5578,
27.9535

■ 27.1963, 48.9814,
24.4796

■ 26.4225, 48.6418,
21.7655

Harmonies

Analogous

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



56.5171, 62.6244, 59.1433



55.3231, 62.6244, 64.4302



55.2356, 62.6244, 71.0724

Triad

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



55.3231, 62.6244, 64.4302



60.5217, 62.6244, 81.5624



62.8931, 62.6244, 59.8002

Complementary

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



55.3231, 62.6244, 64.4302



56.1830, 54.7599, 62.8697

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.



64.0259, 62.6244, 65.3814



55.3231, 62.6244, 64.4302



62.6328, 62.6244, 78.1093

Square

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



55.3231, 62.6244, 64.4302



58.1959, 62.6244, 81.2660



63.9294, 62.6244, 72.0877



60.8694, 62.6244, 56.5930

Rectangle

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



55.3231, 62.6244, 64.4302



55.8130, 62.6244, 75.4061



63.9294, 62.6244, 72.0877



63.3931, 62.6244, 61.4446

Sweetspot

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



55.3249, 62.6270, 64.4316



91.6814, 98.3339, 105.5593



57.1768, 63.7386, 57.4341



19.4354, 20.9544, 22.4054



0.0000, 0.0000, 0.0000



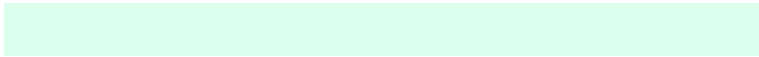
20.3446, 21.4041, 23.3091

Same Dimension

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



55.3249, 62.6270, 64.4316



80.3714, 92.7497, 93.9004



56.7422, 63.1940, 71.8951



12.5187, 13.9985, 14.5462



16.1908, 29.7317, 13.5663



1.0183, 1.8100, 1.0383

Inverse Universe

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



56.1830, 54.7599, 62.8697



81.9582, 78.2030, 91.0125



54.8688, 54.2342, 55.9492



12.6797, 12.5234, 14.2533



18.4190, 9.3039, 9.5105



1.1527, 0.5779, 0.7937

Previews

White Background



This preview shows how the XYZ color 55.3231, 62.6244, 64.4302 looks on a white background.

Color Contrast Check

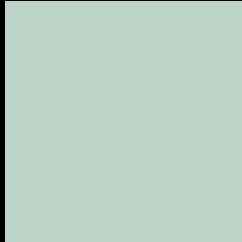
Large Text (above 18pt) WCAG AA × Fail

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 55.3231, 62.6244, 64.4302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

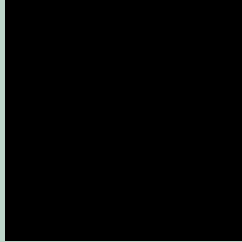
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

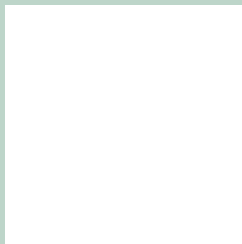
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.3231, 62.6244, 64.4302

Background



This preview shows how black text looks on a background with the XYZ color 55.3231, 62.6244, 64.4302.

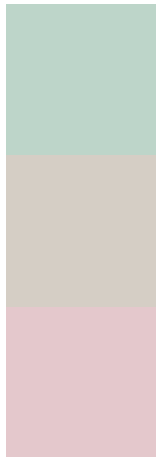


This preview shows how white text looks on a background with the XYZ color 55.3231, 62.6244,

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

55.3231, 62.6244, 64.4302

Protanopia

59.5899, 62.3200, 61.7116

Deuteranopia

63.5483, 62.1622, 65.7759



Tritanopia

58.5203, 62.4294, 80.9172

Trichromacy



Original Color

55.3231, 62.6244, 64.4302

Protanomaly

57.8953, 62.5155, 62.4414

Deuteranomaly

60.3424, 62.2706, 65.3390

Tritanomaly

57.3092, 62.3094, 74.6520

Monochromacy



Original Color

55.3231, 62.6244, 64.4302

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.6455, 61.0796, 65.3039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3231, 62.6244, 64.4302 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(189, 213, 201)` looks like.

```
.text, #text, p{  
    color:rgb(189, 213, 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(189, 213, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 213, 201) }
```

Border

The CSS property to change the border of an element to XYZ 55.3231, 62.6244, 64.4302 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(189, 213, 201) }
```


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

```
.border{ border-color:rgb(189, 213, 201) }
```

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

Here you see how a box with a 4 pixel rgb(189, 213, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 213, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 213, 201);  
box-shadow:4px 4px 4px 4px rgb(189, 213,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3231, 62.6244, 64.4302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 213, 201) }
```

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

```
.background{ background-color: rgb(189,  
213, 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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