

Converting Colors

XYZ(53.7864, 62.0384, 55.0387)

Have a look what the booklet for
XYZ(53.7864, 62.0384, 55.0387)
contains.

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Color

**XYZ(53.7864, 62.0384,
55.0387)**

Conversions

Conversions Part 1

Format	Color
Hex	BED5B9
RGB	190, 213, 185
RGB Percent	75%, 84%, 73%
CMY	0.2549, 0.1647, 0.2745
CMYK	0.11, 0.00, 0.13, 0.16
HSL	109°, 25%, 78%
HSV	109°, 13%, 84%
XYZ	53.7864, 62.0384, 55.0387
YIQ	202.9310, -4.7200, -13.5840

Conversions

Conversions Part 2

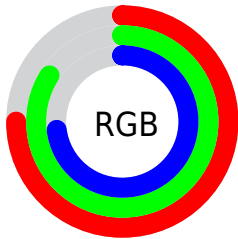
Format	Color
RYB	185, 213, 208
Decimal	12506553
CIELab	82.93, -12.87, 11.26
CIELCh	83, 17.098, 138.824
Yxy	62.0384, 0.3148, 0.3631
Android (android.graphics.Color)	4290696633 (0xFFBED5B9)
YUV	202.9310, -8.8400, -11.3405
Hunter-Lab	78.7645, -15.9443, 13.7047

Details

The XYZ color **53.7864, 62.0384, 55.0387** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.3741, 52.9136, 70.2488**, and the grayscale version is **56.7787, 59.7356, 65.0521**.

A 20% lighter version of the original color is **89.6432, 97.4637, 97.3068**, and **26.5451, 31.3539, 26.4826** is the 20% darker color. If you saturate the color by 10%, you get **47.5933, 59.0882, 43.8774**, and if you desaturate by 10%, it is **60.8445, 65.3992, 68.0016**.

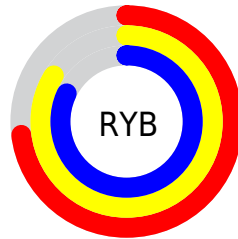
Distribution



Red (75%)

Green (84%)

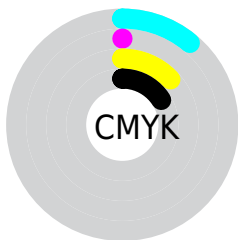
Blue (73%)



Red (73%)

Yellow (84%)

Blue (82%)

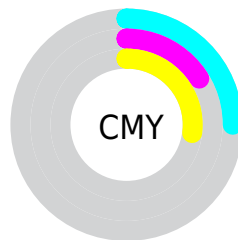


Cyan (11%)

Magenta (0%)

Yellow (13%)

Black (16%)



Cyan (25%)

Magenta (16%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7864, 62.0384, 55.0387 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 53.7864, 62.0384, 55.0387 by changing the saturation by 10% instead.

■ 53.7864, 62.0384,
55.0387

■ 53.7864, 62.0384,
55.0387

391.5066,
432.0711, 423.3447

■ 38.6609, 45.0637,
39.0339

■ 94.9193, 107.7810,
99.0694

■ 26.6756, 31.5076,
26.4781

121.6574,
137.3178, 127.9323

■ 17.4650, 20.9857,
16.9527

152.9971,
171.8107, 161.9184

■ 10.6640, 13.1135,
10.0391

189.3037,
211.6441, 201.4462

■ 5.9070, 7.5068,
5.3190

230.9426,
257.2025, 246.9341

■ 2.8287, 3.7810,
2.3736

278.2791,

■ 1.0638, 1.5518,

308.8702, 298.8008

0.7720

331.6787,
367.0316, 357.4649

■ 0.0000, 0.3248,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.7864, 62.0384,
55.0387

■ 53.7864, 62.0384,
55.0387

■ 47.5933, 59.0882,
43.8774

■ 60.8445, 65.3992,
68.0016

■ 42.2268, 56.5251,
34.4341

■ 68.7941, 69.1773,
82.8366

■ 37.6529, 54.3353,
26.6247

■ 77.6670, 73.3892,
99.6154

■ 33.8332, 52.5010,
20.3563

■ 83.0855, 76.0709,
104.9118

■ 30.7264, 51.0030,
15.5271

■ 28.2867, 49.8203,
12.0224

■ 26.4627, 48.9293,
9.7105

■ 25.1952, 48.3029,
8.4325

■ 24.5958, 48.0035,
7.9693

Harmonies

Analogous

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



56.7065, 62.0384, 50.0889



53.7864, 62.0384, 55.0387



52.2774, 62.0384, 63.6881

Triad

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



53.7864, 62.0384, 55.0387



57.6016, 62.0384, 89.5014



65.9371, 62.0384, 61.2045

Complementary

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



53.7864, 62.0384, 55.0387



55.3741, 52.9136, 70.2488

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.



66.2013, 62.0384, 71.5634



53.7864, 62.0384, 55.0387



61.2840, 62.0384, 88.6581

Square

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



53.7864, 62.0384, 55.0387



54.4181, 62.0384, 84.0216



64.4671, 62.0384, 81.8250



63.7597, 62.0384, 53.3841

Rectangle

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



53.7864, 62.0384, 55.0387



52.2308, 62.0384, 70.7136



64.4671, 62.0384, 81.8250



66.2559, 62.0384, 64.4808

Sweetspot

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



53.7881, 62.0411, 55.0401



90.4352, 97.8057, 100.3381



58.7235, 62.6985, 54.9068



19.1763, 20.8486, 21.1429



0.0000, 0.0000, 0.0000



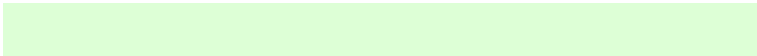
20.3446, 21.4041, 23.3091

Same Dimension

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



53.7881, 62.0411, 55.0401



77.8896, 91.8335, 77.3728



53.5264, 61.7946, 60.0684



12.4671, 14.0015, 13.2062



15.0848, 29.3528, 4.8706



0.9735, 1.8033, 0.2968

Inverse Universe

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



55.3741, 52.9136, 70.2488



80.7579, 75.3190, 104.8894



55.7068, 53.2117, 64.5478



12.7254, 12.5154, 15.6825



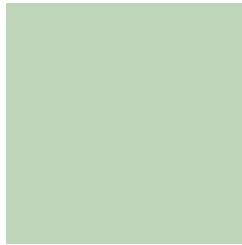
18.2103, 8.5402, 39.1418



1.1565, 0.5451, 2.3636

Previews

White Background



This preview shows how the XYZ color 53.7864, 62.0384, 55.0387 looks on a white background.

Color Contrast Check

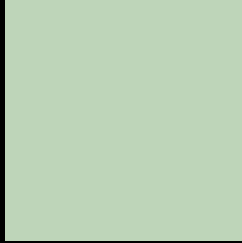
Large Text (above 18pt) WCAG AA × Fail

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 53.7864, 62.0384, 55.0387 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 53.7864, 62.0384, 55.0387

Background



This preview shows how black text looks on a background with the XYZ color 53.7864, 62.0384, 55.0387.



This preview shows how white text looks on a background with the XYZ color 53.7864, 62.0384,

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



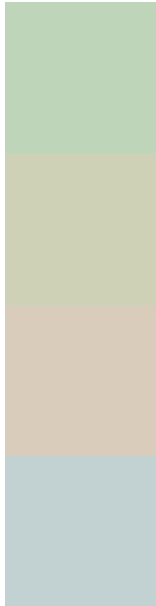
Original Color
53.7864, 62.0384, 55.0387
Protanopia
58.7307, 62.0777, 52.6028
Deuteranopia
63.1048, 61.8013, 56.1798



Tritanopia

58.5323, 61.7432, 79.3537

Trichromacy



Original Color

53.7864, 62.0384, 55.0387

Protanomaly

56.9761, 62.2437, 53.2672

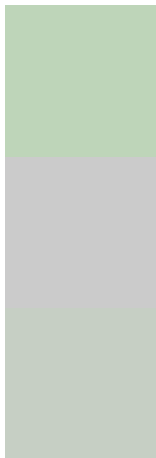
Deuteranomaly

59.1778, 61.5253, 55.7703

Tritanomaly

56.6815, 61.7234, 69.8991

Monochromacy



Original Color

53.7864, 62.0384, 55.0387

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.5653, 60.6169, 60.9962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7864, 62.0384, 55.0387 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(190, 213, 185)` looks like.

```
.text, #text, p{  
    color:rgb(190, 213, 185)  
}
```

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(190, 213, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 213, 185) }
```

Border

The CSS property to change the border of an element to XYZ 53.7864, 62.0384, 55.0387 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(190, 213, 185) }
```


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

```
.border{ border-color:rgb(190, 213, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 213, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 213, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 213, 185);  
box-shadow:4px 4px 4px 4px rgb(190, 213,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7864, 62.0384, 55.0387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 213, 185) }
```

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

```
.background{ background-color: rgb(190,  
213, 185) }
```

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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