

Converting Colors

XYZ(51.5007, 62.4971, 44.3692)

Have a look what the booklet for
XYZ(51.5007, 62.4971, 44.3692)
contains.

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Color

**XYZ(51.5213, 62.6203,
44.4934)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D9A4
RGB	185, 217, 164
RGB Percent	73%, 85%, 64%
CMY	0.2745, 0.1490, 0.3569
CMYK	0.15, 0.00, 0.24, 0.15
HSL	96°, 41%, 75%
HSV	96°, 24%, 85%
XYZ	51.5213, 62.6203, 44.4934
YIQ	201.3900, -2.0590, -23.2670

Conversions

Conversions Part 2

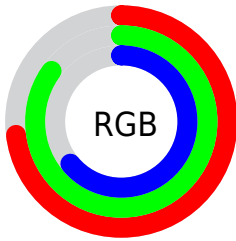
Format	Color
RYB	164, 217, 196
Decimal	12179876
CIELab	83.24, -20.09, 22.69
CIELCh	83, 30.307, 131.515
Yxy	62.6203, 0.3248, 0.3947
Android (android.graphics.Color)	4290369956 (0xFFB9D9A4)
YUV	201.3900, -18.4333, -14.3740
Hunter-Lab	79.1330, -22.2663, 22.0566

Details

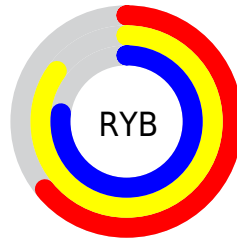
The XYZ color **51.5213, 62.6203, 44.4934** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **48.5672, 43.2981, 71.4465**, and the grayscale version is **55.8726, 58.7823, 64.0139**.

A 20% lighter version of the original color is **84.8218, 95.3352, 80.9488**, and **25.2050, 31.8358, 20.1457** is the 20% darker color. If you saturate the color by 10%, you get **46.7101, 60.3494, 34.8967**, and if you desaturate by 10%, it is **56.9615, 65.1806, 55.8676**.

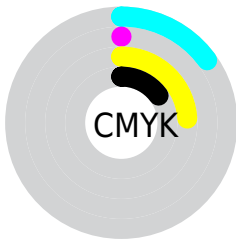
Distribution



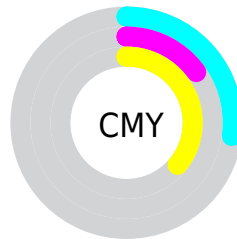
- Red (73%)
- Green (85%)
- Blue (64%)



- Red (64%)
- Yellow (85%)
- Blue (77%)



- Cyan (15%)
- Magenta (0%)
- Yellow (24%)
- Black (15%)





- Cyan (27%)
- Magenta (15%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5213, 62.6203, 44.4934 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 51.5213, 62.6203, 44.4934 by changing the saturation by 10% instead.


 51.5213, 62.6203,
44.4934


 51.5213, 62.6203,
44.4934


382.9401,
434.1902, 380.8180

 36.8464, 45.5341,
30.7185


 91.6033, 108.6215,
83.2701

 25.2617, 31.8783,
20.1280


 117.7411,
138.3054, 109.1089

 16.4019, 21.2686,
12.3031


148.4305,
172.9572, 139.8062

 9.9016, 13.3205,
6.8254

184.0370,
212.9614, 175.7805

 5.3956, 7.6496,
3.2764

224.9258,
258.7024, 217.4503

 2.5183, 3.8716,
1.2374

271.4624,

 0.9045, 1.6020,

310.5646, 265.2341

0.0097

324.0120,
368.9324, 319.5505

0.0000, 0.3589,
0.0000

0.0000, 0.0000,
0.0000

51.5213, 62.6203,
44.4934

51.5213, 62.6203,
44.4934

46.7101, 60.3494,
34.8967

56.9615, 65.1806,
55.8676

42.4983, 58.3489,
26.9837

63.0492, 68.0324,
69.0986

38.8608, 56.6099,
20.6581

69.8081, 71.1880,
84.2658

35.7688, 55.1200,
15.8123

77.2589, 74.6566,
101.4429

■ 33.1903, 53.8653,
12.3252

■ 82.4736, 77.2677,
105.1751

■ 31.0894, 52.8302,
10.0569

■ 84.1041, 78.1082,
105.2514

■ 29.4237, 51.9968,
8.8366

■ 28.6495, 51.6054,
8.4509

Harmonies

Analogous

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



57.0288, 62.6203, 38.4870



51.5213, 62.6203, 44.4934



48.3090, 62.6203, 57.3291

Triad

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



51.5213, 62.6203, 44.4934



55.5973, 62.6203, 108.6391



72.7950, 62.6203, 61.2030

Complementary

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



51.5213, 62.6203, 44.4934



48.5672, 43.2981, 71.4465

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.



72.3408, 62.6203, 80.3268



51.5213, 62.6203, 44.4934



62.0800, 62.6203, 110.2016

Square

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



51.5213, 62.6203, 44.4934



50.5399, 62.6203, 95.1265



68.3037, 62.6203, 99.0681



69.5025, 62.6203, 46.8777

Rectangle

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



51.5213, 62.6203, 44.4934



47.7471, 62.6203, 69.1455



68.3037, 62.6203, 99.0681



73.0816, 62.6203, 67.2292

Sweetspot

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



51.5229, 62.6230, 44.4948



88.4533, 96.9160, 94.2804



55.0134, 56.8242, 43.1915



18.8157, 20.6893, 19.9240



0.0000, 0.0000, 0.0000



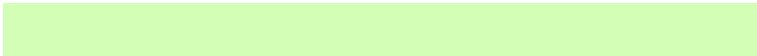
20.3446, 21.4041, 23.3091

Same Dimension

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



51.5229, 62.6230, 44.4948



70.7832, 88.6110, 57.1159



47.3142, 60.3968, 46.8491



13.3722, 14.8566, 13.8884



17.4533, 31.2950, 5.1207



1.2260, 2.0766, 0.3362

Inverse Universe

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



48.5672, 43.2981, 71.4465



65.8547, 56.4087, 102.0248



53.7389, 46.0426, 68.1469



13.0892, 13.0041, 16.4723



13.3722, 6.0178, 40.1952



0.9623, 0.4393, 2.6085

Previews

White Background



This preview shows how the XYZ color 51.5213, 62.6203, 44.4934 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 51.5213, 62.6203, 44.4934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

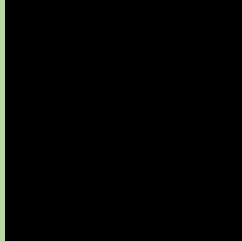
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5213, 62.6203, 44.4934

Background



This preview shows how black text looks on a background with the XYZ color 51.5213, 62.6203, 44.4934.



This preview shows how white text looks on a background with the XYZ color 51.5213, 62.6203,

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

51.5213, 62.6203, 44.4934

Protanopia

58.3896, 62.5010, 41.7873

Deuteranopia

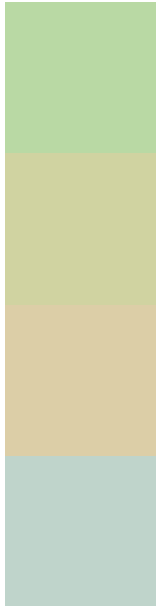
63.4265, 62.1993, 45.7085



Tritanopia

58.6392, 62.5065, 80.2085

Trichromacy



Original Color

51.5213, 62.6203, 44.4934

Protanomaly

55.7397, 62.5716, 42.8580

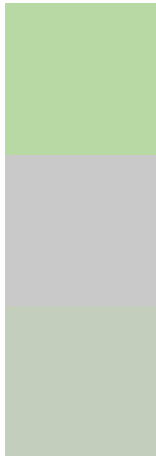
Deuteranomaly

58.5616, 62.1483, 45.4685

Tritanomaly

55.8088, 62.4751, 65.6174

Monochromacy



Original Color

51.5213, 62.6203, 44.4934

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

53.8956, 59.8586, 56.2902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5213, 62.6203, 44.4934 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(185, 217, 164)` looks like.

```
.text, #text, p{  
    color:rgb(185, 217, 164)  
}
```

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(185, 217, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 217, 164) }
```

Border

The CSS property to change the border of an element to XYZ 51.5213, 62.6203, 44.4934 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(185, 217, 164) }
```


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

```
.border{ border-color:rgb(185, 217, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 217, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 217, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 217, 164);  
box-shadow:4px 4px 4px 4px rgb(185, 217,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5213, 62.6203, 44.4934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 217, 164) }
```

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

```
.background{ background-color: rgb(185,  
217, 164) }
```

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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