

Converting Colors

XYZ(50.1808, 59.8415, 43.4561)

Have a look what the booklet for
XYZ(50.1808, 59.8415, 43.4561)
contains.

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Color

**XYZ(50.1548, 59.6720,
43.5247)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD3A3
RGB	186, 211, 163
RGB Percent	73%, 83%, 64%
CMY	0.2706, 0.1725, 0.3608
CMYK	0.12, 0.00, 0.23, 0.17
HSL	91°, 35%, 73%
HSV	91°, 23%, 83%
XYZ	50.1548, 59.6720, 43.5247
YIQ	198.0530, 0.5080, -20.2280

Conversions

Conversions Part 2

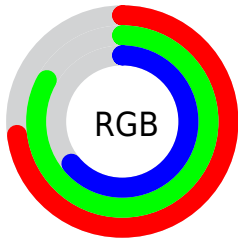
Format	Color
RYB	163, 211, 188
Decimal	12243875
CIELab	81.66, -16.90, 21.05
CIELCh	82, 26.996, 128.765
Yxy	59.6720, 0.3271, 0.3891
Android (android.graphics.Color)	4290433955 (0xFFBAD3A3)
YUV	198.0530, -17.2811, -10.5705
Hunter-Lab	77.2477, -19.2882, 20.6668

Details

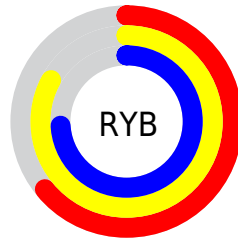
The XYZ color **50.1548, 59.6720, 43.5247** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.5966, 41.5906, 67.2559**, and the grayscale version is **53.8116, 56.6140, 61.6526**.

A 20% lighter version of the original color is **85.0328, 95.4592, 80.2734**, and **24.2734, 29.8302, 19.5174** is the 20% darker color. If you saturate the color by 10%, you get **45.8519, 57.6561, 34.2644**, and if you desaturate by 10%, it is **54.9817, 61.9252, 54.4585**.

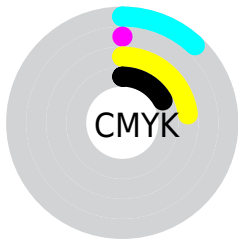
Distribution



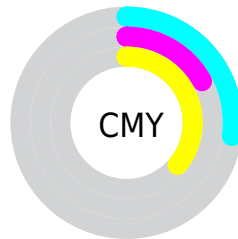
- Red (73%)
- Green (83%)
- Blue (64%)



- Red (64%)
- Yellow (83%)
- Blue (74%)



- Cyan (12%)
- Magenta (0%)
- Yellow (23%)
- Black (17%)





- Cyan (27%)
- Magenta (17%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.1548, 59.6720, 43.5247 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 50.1548, 59.6720, 43.5247 by changing the saturation by 10% instead.


 50.1548, 59.6720,
43.5247


 50.1548, 59.6720,
43.5247


377.7130,
423.3877, 376.7496

 35.7547, 43.1543,
29.9626


 89.5946, 104.3537,
81.7969

 24.4140, 30.0062,
19.5584


 115.3651,
133.2865, 107.3440

 15.7674, 19.8433,
11.8936


145.6564,
167.1265, 137.7233

 9.4495, 12.2812,
6.5496

180.8339,
206.2581, 173.3531

 5.0950, 6.9355,
3.1079

221.2630,
251.0656, 214.6521

 2.3384, 3.4218,
1.1500

267.3089,

 0.8142, 1.3557,

301.9334, 262.0389

0.0000

319.3371,
359.2460, 315.9318

■ 0.0000, 0.1837,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.1548, 59.6720,
43.5247

■ 50.1548, 59.6720,
43.5247

■ 45.8519, 57.6561,
34.2644

■ 54.9817, 61.9252,
54.4585

■ 42.0481, 55.8611,
26.5913

■ 60.3470, 64.4160,
67.1389

■ 38.7233, 54.2803,
20.4169

■ 66.2701, 67.1547,
81.6392

■ 35.8538, 52.9037,
15.6427

■ 72.7682, 70.1485,
98.0274

■ 33.4136, 51.7203,
12.1585

■ 77.6060, 72.5040,
104.5121

■ 31.3733, 50.7178,
9.8371

■ 81.4711, 74.4965,
104.6930

■ 29.6983, 49.8816,
8.5260

■ 82.5855, 75.0710,
104.7452

■ 28.6729, 49.3632,
8.0168

Harmonies

Analogous

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



55.0698, 59.6720, 38.7220



50.1548, 59.6720, 43.5247



47.1412, 59.6720, 54.2982

Triad

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



50.1548, 59.6720, 43.5247



52.8553, 59.6720, 98.6721



68.1990, 59.6720, 60.3259

Complementary

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



50.1548, 59.6720, 43.5247



45.5966, 41.5906, 67.2559

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.



67.5077, 59.6720, 76.9617



50.1548, 59.6720, 43.5247



58.3955, 59.6720, 101.0116

Square

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



50.1548, 59.6720, 43.5247



48.6265, 59.6720, 86.5700



63.8268, 59.6720, 92.5131



65.6573, 59.6720, 47.3040

Rectangle

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



50.1548, 59.6720, 43.5247



46.4915, 59.6720, 64.3014



63.8268, 59.6720, 92.5131



68.3404, 59.6720, 65.6486

Sweetspot

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



50.1564, 59.6746, 43.5260



88.9696, 97.1822, 94.3046



51.4177, 52.3765, 42.0508



18.9352, 20.7509, 19.9296



0.0000, 0.0000, 0.0000



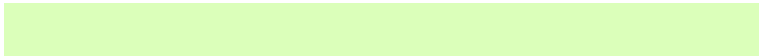
20.3446, 21.4041, 23.3091

Same Dimension

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



50.1564, 59.6746, 43.5260



73.8935, 90.1528, 60.0447



45.0831, 57.0509, 43.6640



12.1875, 13.4801, 12.5716



17.4202, 29.8494, 4.8434



1.0654, 1.7161, 0.2751

Inverse Universe

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



45.5966, 41.5906, 67.2559



65.7688, 57.9327, 102.3235



51.6213, 44.7080, 67.0155



11.7428, 11.7162, 14.8862



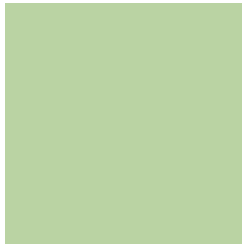
11.0888, 4.8968, 37.5532



0.7114, 0.3209, 2.1040

Previews

White Background



This preview shows how the XYZ color 50.1548, 59.6720, 43.5247 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 50.1548, 59.6720, 43.5247 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

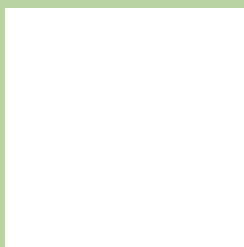
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.1548, 59.6720, 43.5247

Background



This preview shows how black text looks on a background with the XYZ color 50.1548, 59.6720, 43.5247.



This preview shows how white text looks on a background with the XYZ color 50.1548, 59.6720,

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

50.1548, 59.6720, 43.5247

Protanopia

55.6974, 59.3432, 41.3197

Deuteranopia

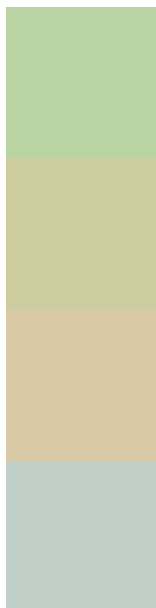
60.6590, 59.4456, 44.3535



Tritanopia

56.5223, 59.3485, 76.1865

Trichromacy



Original Color

50.1548, 59.6720, 43.5247

Protanomaly

53.3533, 59.1798, 41.8685

Deuteranomaly

56.2934, 59.2416, 44.0651

Tritanomaly

53.8660, 59.3425, 62.6480

Monochromacy



Original Color

50.1548, 59.6720, 43.5247

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.3610, 57.6840, 54.2733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1548, 59.6720, 43.5247 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, 211, 163)` looks like.

```
.text, #text, p{  
    color:rgb(186, 211, 163)  
}
```

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, 211, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 211, 163) }
```

Border

The CSS property to change the border of an element to XYZ 50.1548, 59.6720, 43.5247 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, 211, 163) }
```


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

```
.border{ border-color:rgb(186, 211, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 211, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 211, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 211, 163);  
box-shadow:4px 4px 4px 4px rgb(186, 211,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1548, 59.6720, 43.5247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 211, 163) }
```

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

```
.background{ background-color: rgb(186,  
211, 163) }
```

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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