

Converting Colors

XYZ(51.2734, 60.1760, 43.5634)

Have a look what the booklet for
XYZ(51.2734, 60.1760, 43.5634)
contains.

XYZ(51.3910, 60.3092, 43.5826)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.3910, 60.3092,
43.5826)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD3A3
RGB	191, 211, 163
RGB Percent	75%, 83%, 64%
CMY	0.2510, 0.1725, 0.3608
CMYK	0.09, 0.00, 0.23, 0.17
HSL	85°, 35%, 73%
HSV	85°, 23%, 83%
XYZ	51.3910, 60.3092, 43.5826
YIQ	199.5480, 3.4880, -19.1680

Conversions

Conversions Part 2

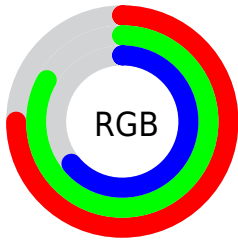
Format	Color
RYB	163, 211, 183
Decimal	12571555
CIELab	82.01, -15.10, 21.58
CIELCh	82, 26.341, 124.986
Yxy	60.3092, 0.3310, 0.3884
Android (android.graphics.Color)	4290761635 (0xFFBFD3A3)
YUV	199.5480, -18.0182, -7.4966
Hunter-Lab	77.6590, -17.7805, 21.0875

Details

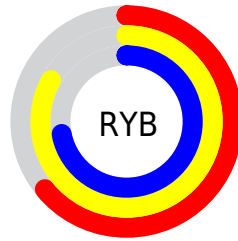
The XYZ color **51.3910, 60.3092, 43.5826** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.3859, 40.9665, 67.1991**, and the grayscale version is **54.7289, 57.5790, 62.7035**.

A 20% lighter version of the original color is **87.1263, 96.5384, 80.3714**, and **25.0742, 30.2430, 19.5549** is the 20% darker color. If you saturate the color by 10%, you get **47.5111, 58.5114, 34.3421**, and if you desaturate by 10%, it is **55.7224, 62.3069, 54.4933**.

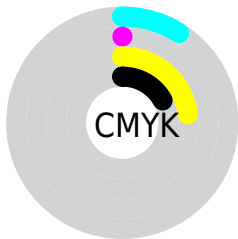
Distribution



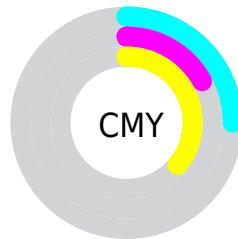
- Red (75%)
- Green (83%)
- Blue (64%)



- Red (64%)
- Yellow (83%)
- Blue (72%)



- Cyan (9%)
- Magenta (0%)
- Yellow (23%)
- Black (17%)



- Cyan (25%)
- Magenta (17%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3910, 60.3092, 43.5826 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 51.3910, 60.3092, 43.5826 by changing the saturation by 10% instead.

■ 51.3910, 60.3092,
43.5826

■ 51.3910, 60.3092,
43.5826

382.4437,
425.7365, 376.9936

■ 36.7422, 43.6679,
30.0077

■ 91.4120, 105.2781,
81.8851

■ 25.1807, 30.4095,
19.5923

■ 117.5150,
134.3744, 107.4497

■ 16.3412, 20.1496,
11.9179

148.1666,
168.3913, 137.8480

■ 9.8583, 12.5039,
6.5660

183.7324,
207.7130, 173.4986

■ 5.3666, 7.0878,
3.1179

224.5776,
252.7240, 214.8199

■ 2.5009, 3.5171,
1.1551

271.0677,

■ 0.8957, 1.4073,

303.8087, 262.2304

0.0000

323.5679,
361.3514, 316.1488

■ 0.0000, 0.2221,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.3910, 60.3092,
43.5826

■ 51.3910, 60.3092,
43.5826

■ 47.5111, 58.5114,
34.3421

■ 55.7224, 62.3069,
54.4933

■ 44.0599, 56.8981,
26.6855

■ 60.5172, 64.5037,
67.1469

■ 41.0197, 55.4641,
20.5244

■ 65.7930, 66.9086,
81.6169

■ 38.3694, 54.2005,
15.7605

■ 71.5648, 69.5281,
97.9712

■ 36.0855, 53.0977,
12.2835

■ 75.5953, 71.4674,
104.4180

■ 34.1414, 52.1447,
9.9667

■ 78.5702, 73.0010,
104.5572

■ 32.5055, 51.3287,
8.6574

■ 81.6907, 74.6097,
104.7033

■ 31.4744, 50.8074,
8.1479

■ 82.5855, 75.0709,
104.7452

Harmonies

Analogous

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



56.3952, 60.3092, 39.5779



51.3910, 60.3092, 43.5826



48.1436, 60.3092, 53.5181

Triad

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



51.3910, 60.3092, 43.5826



52.9064, 60.3092, 97.6124



68.6819, 60.3092, 63.0336

Complementary

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



51.3910, 60.3092, 43.5826



44.3859, 40.9665, 67.1991

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.



67.5988, 60.3092, 79.5268



51.3910, 60.3092, 43.5826



58.2590, 60.3092, 101.2574

Square

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



51.3910, 60.3092, 43.5826



48.9779, 60.3092, 84.8954



63.6928, 60.3092, 94.1773



66.5639, 60.3092, 49.5852

Rectangle

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



51.3910, 60.3092, 43.5826



47.2899, 60.3092, 63.0187



63.6928, 60.3092, 94.1773



68.6814, 60.3092, 68.3874

Sweetspot

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



51.3926, 60.3118, 43.5839



89.6241, 97.5196, 94.3352



50.4105, 50.3623, 41.7152



19.0868, 20.8290, 19.9367



0.0000, 0.0000, 0.0000



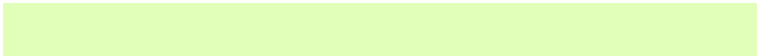
20.3446, 21.4041, 23.3091

Same Dimension

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



51.3926, 60.3118, 43.5839



76.0998, 91.2902, 60.1479



45.8433, 57.4511, 43.3242



12.3074, 13.5419, 12.5772



19.1129, 30.7220, 4.9226



1.1579, 1.7638, 0.2794

Inverse Universe

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



44.3859, 40.9665, 67.1991



63.6183, 56.8241, 102.2228



50.5894, 44.1645, 67.4895



11.6238, 11.6549, 14.8806



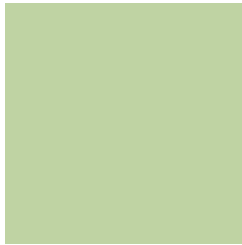
9.6314, 4.1455, 37.4850



0.6280, 0.2779, 2.1001

Previews

White Background



This preview shows how the XYZ color 51.3910, 60.3092, 43.5826 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 51.3910, 60.3092, 43.5826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

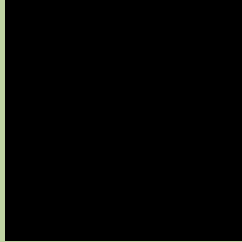
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.3910, 60.3092, 43.5826

Background



This preview shows how black text looks on a background with the XYZ color 51.3910, 60.3092, 43.5826.



This preview shows how white text looks on a background with the XYZ color 51.3910, 60.3092,

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

51.3910, 60.3092, 43.5826

Protanopia

56.2292, 59.9668, 41.4120

Deuteranopia

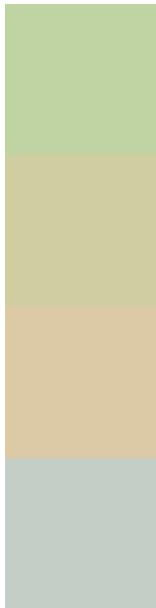
61.2149, 60.0659, 44.4439



Tritanopia

57.8274, 60.0213, 76.2476

Trichromacy



Original Color

51.3910, 60.3092, 43.5826

Protanomaly

54.4289, 60.0906, 41.9876

Deuteranomaly

57.1934, 59.7055, 44.1072

Tritanomaly

55.1451, 60.0019, 62.7079

Monochromacy



Original Color

51.3910, 60.3092, 43.5826

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.5885, 58.6439, 55.5087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3910, 60.3092, 43.5826 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(191, 211, 163)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 211, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 211, 163) }
```

Border

The CSS property to change the border of an element to XYZ 51.3910, 60.3092, 43.5826 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(191, 211, 163) }
```


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

```
.border{ border-color:rgb(191, 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(191, 211, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 211, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 211, 163);  
box-shadow:4px 4px 4px 4px rgb(191, 211,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3910, 60.3092, 43.5826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 211, 163) }
```

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

```
.background{ background-color: rgb(191,  
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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