

Converting Colors

XYZ(51.6443, 60.1620, 39.4623)

Have a look what the booklet for
XYZ(51.6443, 60.1620, 39.4623)
contains.

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Color

**XYZ(51.6443, 60.1620,
39.4623)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D29A
RGB	196, 210, 154
RGB Percent	77%, 82%, 60%
CMY	0.2314, 0.1765, 0.3961
CMYK	0.07, 0.00, 0.27, 0.18
HSL	75°, 38%, 71%
HSV	75°, 27%, 82%
XYZ	51.6443, 60.1620, 39.4623
YIQ	199.4300, 9.6320, -20.3840

Conversions

Conversions Part 2

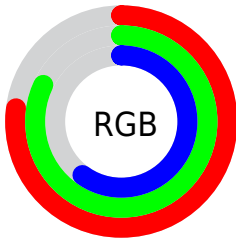
Format	Color
RYB	154, 210, 168
Decimal	12898970
CIELab	81.93, -14.09, 26.24
CIELCh	82, 29.787, 118.234
Yxy	60.1620, 0.3414, 0.3977
Android (android.graphics.Color)	4291089050 (0xFFC4D29A)
YUV	199.4300, -22.3970, -3.0081
Hunter-Lab	77.5642, -16.8872, 24.1300

Details

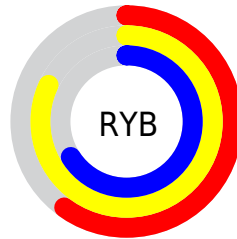
The XYZ color **51.6443, 60.1620, 39.4623** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.3391, 36.0907, 65.8688**, and the grayscale version is **54.6797, 57.5273, 62.6473**.

A 20% lighter version of the original color is **87.7766, 97.0061, 74.4193**, and **25.4421, 30.4870, 17.1140** is the 20% darker color. If you saturate the color by 10%, you get **48.7044, 58.8330, 30.9797**, and if you desaturate by 10%, it is **54.9412, 61.6434, 49.5613**.

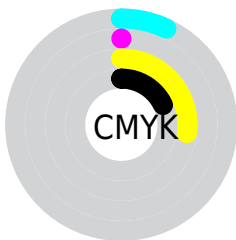
Distribution



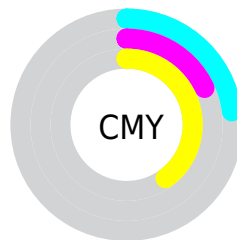
- Red (77%)
- Green (82%)
- Blue (60%)



- Red (60%)
- Yellow (82%)
- Blue (66%)



- Cyan (7%)
- Magenta (0%)
- Yellow (27%)
- Black (18%)





- Cyan (23%)
- Magenta (18%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.6443, 60.1620, 39.4623 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 51.6443, 60.1620, 39.4623 by changing the saturation by 10% instead.


 51.6443, 60.1620,
39.4623

 51.6443, 60.1620,
39.4623


383.4084,
425.1946, 359.3365

 36.9448, 43.5492,
26.8090


 91.7838, 105.0646,
75.5721

 25.3382, 30.3163,
17.1986


 117.9544,
134.1233, 99.8657

 16.4593, 20.0788,
10.2128


148.6795,
168.0993, 128.8764

 9.9426, 12.4523,
5.4328

184.3243,
207.3772, 163.0229

 5.4229, 7.0525,
2.4402

225.2543,
252.3413, 202.7236

 2.5348, 3.4950,
0.8082

271.8347,

 0.9128, 1.3953,

303.3759, 248.3970

0.0000

324.4310,
360.8656, 300.4618

■ 0.0000, 0.2132,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.6443, 60.1620,
39.4623

■ 51.6443, 60.1620,
39.4623

■ 48.7044, 58.8330,
30.9797

■ 54.9412, 61.6434,
49.5613

■ 46.1004, 57.6418,
24.0257


■ 58.6056, 63.2753,
61.3508


■ 43.8160, 56.5839,
18.5101


■ 62.6534, 65.0662,
74.9048


■ 41.8314, 55.6512,
14.3313


■ 67.0982, 67.0216,
90.2919

 40.1244, 54.8349,
11.3751


 71.3011, 68.8860,
104.1461


 38.6690, 54.1245,
9.5075


 72.9373, 69.7295,
104.2227

 37.4320, 53.5065,
8.5559

 74.6240, 70.5990,
104.3016

 37.0484, 53.3132,
8.3378

 76.3618, 71.4949,
104.3829

 78.1510, 72.4173,
104.4667

Harmonies

Analogous

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



57.5562, 60.1620, 36.6038



51.6443, 60.1620, 39.4623



47.4948, 60.1620, 48.8964

Triad

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



51.6443, 60.1620, 39.4623



51.0427, 60.1620, 99.6257



70.1560, 60.1620, 66.5808

Complementary

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



51.6443, 60.1620, 39.4623



39.3391, 36.0907, 65.8688

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.



68.1046, 60.1620, 85.5066



51.6443, 60.1620, 39.4623



56.8098, 60.1620, 106.6305

Square

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



51.6443, 60.1620, 39.4623



47.1659, 60.1620, 83.3147



63.1024, 60.1620, 101.0458



68.5247, 60.1620, 50.4355

Rectangle

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



51.6443, 60.1620, 39.4623



46.1305, 60.1620, 58.6874



63.1024, 60.1620, 101.0458



69.8714, 60.1620, 72.8337

Sweetspot

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



51.6458, 60.1647, 39.4636



90.0857, 97.8004, 92.4239



46.4158, 44.0418, 36.6272



19.0916, 20.8486, 19.1623



0.0000, 0.0000, 0.0000



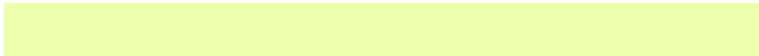
20.3446, 21.4041, 23.3091

Same Dimension

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



51.6458, 60.1647, 39.4636



77.4689, 92.1459, 53.4413



45.0297, 56.7539, 39.1540



12.5027, 13.6426, 12.5864



22.6939, 32.5681, 5.0902



1.3391, 1.8572, 0.2879

Inverse Universe

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



39.3391, 36.0907, 65.8688



55.2685, 48.7043, 101.0957



45.9554, 39.5015, 66.1785



11.4367, 11.5585, 14.8719



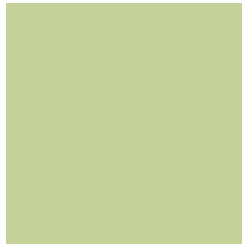
8.0542, 3.3324, 37.4112



0.5245, 0.2245, 2.0953

Previews

White Background



This preview shows how the XYZ color 51.6443, 60.1620, 39.4623 looks on a white background.

Color Contrast Check

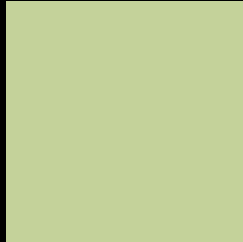
Large Text (above 18pt) WCAG AA × Fail

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 51.6443, 60.1620, 39.4623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

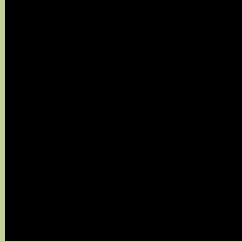
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.6443, 60.1620, 39.4623

Background



This preview shows how black text looks on a background with the XYZ color 51.6443, 60.1620, 39.4623.



This preview shows how white text looks on a background with the XYZ color 51.6443, 60.1620,

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

51.6443, 60.1620, 39.4623

Protanopia

55.8553, 59.8517, 37.8868

Deuteranopia

61.1975, 59.8153, 40.2183



Tritanopia

58.9523, 60.2822, 74.8582

Trichromacy



Original Color

51.6443, 60.1620, 39.4623

Protanomaly

54.3171, 60.1112, 38.4456

Deuteranomaly

57.0865, 59.3968, 39.9084

Tritanomaly

56.0388, 60.1593, 60.2881

Monochromacy



Original Color

51.6443, 60.1620, 39.4623

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.1919, 58.1365, 53.2177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6443, 60.1620, 39.4623 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(196, 210, 154)` looks like.

```
.text, #text, p{  
    color:rgb(196, 210, 154)  
}
```

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(196, 210, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 210, 154) }
```

Border

The CSS property to change the border of an element to XYZ 51.6443, 60.1620, 39.4623 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(196, 210, 154) }
```


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

```
.border{ border-color:rgb(196, 210, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 210, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 210, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 210, 154);  
box-shadow:4px 4px 4px 4px rgb(196, 210,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6443, 60.1620, 39.4623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 210, 154) }
```

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

```
.background{ background-color: rgb(196,  
210, 154) }
```

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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