

Converting Colors

XYZ(48.0890, 51.6542, 39.6098)

Have a look what the booklet for
XYZ(48.0890, 51.6542, 39.6098)
contains.

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Color

**XYZ(48.0911, 51.7360,
39.7991)**

Conversions

Conversions Part 1

Format	Color
Hex	C6BF9E
RGB	198, 191, 158
RGB Percent	78%, 75%, 62%
CMY	0.2235, 0.2510, 0.3804
CMYK	0.00, 0.04, 0.20, 0.22
HSL	50°, 26%, 70%
HSV	50°, 20%, 78%
XYZ	48.0911, 51.7360, 39.7991
YIQ	189.3310, 14.7650, -8.7790

Conversions

Conversions Part 2

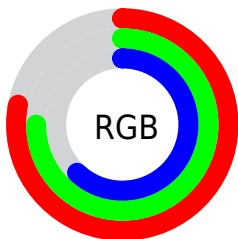
Format	Color
RYB	166, 198, 158
Decimal	13025182
CIELab	77.12, -2.97, 17.56
CIELCh	77, 17.806, 99.592
Yxy	51.7360, 0.3444, 0.3705
Android (android.graphics.Color)	4291215262 (0xFFC6BF9E)
YUV	189.3310, -15.4462, 7.6027
Hunter-Lab	71.9277, -6.5279, 17.5430

Details

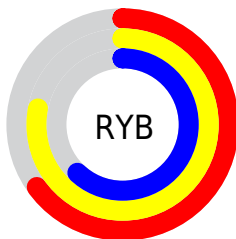
The XYZ color **48.0911, 51.7360, 39.7991** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.7486, 38.2558, 58.8211**, and the grayscale version is **48.6402, 51.1733, 55.7277**.

A 20% lighter version of the original color is **86.5110, 92.5856, 76.2620**, and **23.2439, 25.1678, 17.5427** is the 20% darker color. If you saturate the color by 10%, you get **45.7765, 49.6177, 31.2858**, and if you desaturate by 10%, it is **50.7010, 54.0045, 49.7668**.

Distribution



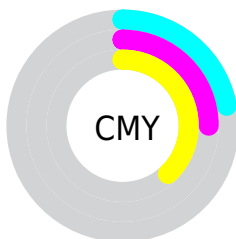
- Red (78%)
- Green (75%)
- Blue (62%)



- Red (65%)
- Yellow (78%)
- Blue (62%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)
- Black (22%)



- Cyan (22%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.0911, 51.7360, 39.7991 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 48.0911, 51.7360, 39.7991 by changing the saturation by 10% instead.

■ 48.0911, 51.7360,
39.7991

■ 48.0911, 51.7360,
39.7991

369.7297,
393.4166, 360.8030

■ 34.1106, 36.7947,
27.0693

■ 86.5489, 92.7418,
76.0912

■ 23.1419, 25.0486,
17.3924

■ 111.7569,
119.5750, 100.4907

■ 14.8196, 16.1132,
10.3498

141.4381,
151.1411, 129.6171

■ 8.7783, 9.6043,
5.5228

175.9579,
187.8243, 163.8891

■ 4.6528, 5.1374,
2.4931

215.6816,
230.0090, 203.7251

■ 2.0777, 2.3281,
0.8365

260.9745,

■ 0.6770, 0.7885,

278.0797, 249.5437

0.0000

312.2021,
332.4208, 301.7635

■ 0.0000, 0.0000,
0.0000

■ 48.0911, 51.7360,
39.7991

■ 48.0911, 51.7360,
39.7991

■ 45.7765, 49.6177,
31.2858

■ 50.7010, 54.0045,
49.7668

■ 43.7397, 47.6372,
24.1544

■ 53.6143, 56.4213,
61.2501

■ 41.9679, 45.7909,
18.3313

■ 56.8442, 58.9937,
74.3109

■ 40.4453, 44.0723,
13.7344

■ 60.4016, 61.7263,
89.0063

■ 39.1546, 42.4741,
10.2725

■ 63.9728, 64.4938,
103.6846

■ 38.0758, 40.9883,
7.8417

■ 64.8281, 66.2043,
103.9696

■ 37.1854, 39.6053,
6.3189

■ 65.7020, 67.9520,
104.2609

■ 36.4520, 38.3322,
5.4776

■ 66.5945, 69.7371,
104.5584

■ 67.5058, 71.5597,
104.8622

Harmonies

Analogous

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



51.4909, 51.7360, 40.5288



48.0911, 51.7360, 39.7991



45.1197, 51.7360, 43.0884

Triad

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



48.0911, 51.7360, 39.7991



44.3011, 51.7360, 69.1403



55.5654, 51.7360, 63.1230

Complementary

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



48.0911, 51.7360, 39.7991



37.7486, 38.2558, 58.8211

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.



53.4632, 51.7360, 72.0435



48.0911, 51.7360, 39.7991



46.9267, 51.7360, 75.7861

Square

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



48.0911, 51.7360, 39.7991



42.9991, 51.7360, 59.5128



50.2721, 51.7360, 76.9059



55.9125, 51.7360, 53.2661

Rectangle

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



48.0911, 51.7360, 39.7991



43.7428, 51.7360, 47.3680



50.2721, 51.7360, 76.9059



55.0361, 51.7360, 66.3603

Sweetspot

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



48.0925, 51.7383, 39.8002



91.8359, 97.3580, 96.1563



42.3381, 39.1889, 41.0900



19.5844, 20.7784, 20.2977



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.



48.0925, 51.7383, 39.8002



83.3951, 90.0259, 63.9026



46.4543, 53.2131, 40.1712



11.3600, 12.0892, 11.2975



23.7614, 25.0400, 3.5808



1.1678, 1.2709, 0.1838

Inverse Universe

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



37.7486, 38.2558, 58.8211



61.9596, 62.0885, 103.3264



39.1426, 37.1522, 58.5346



10.2042, 10.5824, 13.4223



7.0571, 3.5080, 35.0495



0.3816, 0.2611, 1.6754

Previews

White Background



This preview shows how the XYZ color 48.0911, 51.7360, 39.7991 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 48.0911, 51.7360, 39.7991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

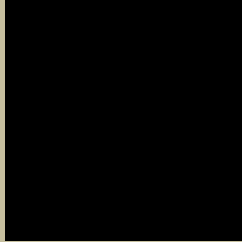
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

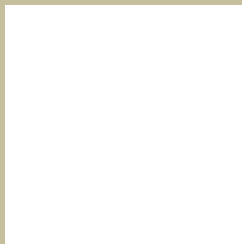
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.0911, 51.7360, 39.7991

Background



This preview shows how black text looks on a background with the XYZ color 48.0911, 51.7360, 39.7991.



This preview shows how white text looks on a background with the XYZ color 48.0911, 51.7360,

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

48.0911, 51.7360, 39.7991

Protanopia

48.6724, 51.7130, 39.7641

Deuteranopia

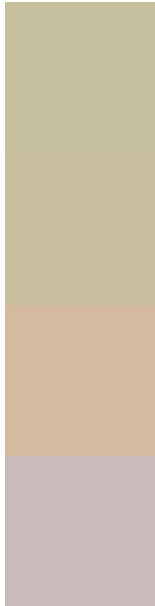
52.7938, 51.6207, 40.4390



Tritanopia

52.4029, 51.5646, 61.8346

Trichromacy



Original Color

48.0911, 51.7360, 39.7991

Protanomaly

48.4044, 51.5749, 39.7515

Deuteranomaly

50.9683, 51.6181, 40.0779

Tritanomaly

50.6147, 51.4609, 53.1642

Monochromacy



Original Color

48.0911, 51.7360, 39.7991

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.1876, 51.2477, 49.4715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0911, 51.7360, 39.7991 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(198, 191, 158)` looks like.

```
.text, #text, p{  
    color:rgb(198, 191, 158)  
}
```

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(198, 191, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 191, 158) }
```

Border

The CSS property to change the border of an element to XYZ 48.0911, 51.7360, 39.7991 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(198, 191, 158) }
```


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

```
.border{ border-color:rgb(198, 191, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 191, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 191, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 191, 158);  
box-shadow:4px 4px 4px 4px rgb(198, 191,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0911, 51.7360, 39.7991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 191, 158) }
```

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

```
.background{ background-color: rgb(198,  
191, 158) }
```

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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