

Converting Colors

XYZ(60.9684, 67.7769, 49.5061)

Have a look what the booklet for
XYZ(60.9684, 67.7769, 49.5061)
contains.

XYZ(60.9331, 67.7589, 49.4024)	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(60.9331, 67.7589,
49.4024)**

Conversions

Conversions Part 1

Format	Color
Hex	D8DAAD
RGB	216, 218, 173
RGB Percent	85%, 85%, 68%
CMY	0.1529, 0.1451, 0.3216
CMYK	0.01, 0.00, 0.21, 0.15
HSL	63°, 38%, 77%
HSV	63°, 21%, 85%
XYZ	60.9331, 67.7589, 49.4024
YIQ	212.2720, 13.2530, -14.4190

Conversions

Conversions Part 2

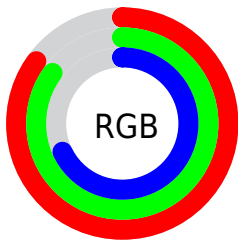
Format	Color
RYB	173, 218, 175
Decimal	14211757
CIELab	85.89, -8.03, 21.98
CIELCh	86, 23.404, 110.073
Yxy	67.7589, 0.3421, 0.3805
Android (android.graphics.Color)	4292401837 (0xFFD8DAAD)
YUV	212.2720, -19.3611, 3.2695
Hunter-Lab	82.3158, -11.9205, 22.0377

Details

The XYZ color **60.9331, 67.7589, 49.4024** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.2803, 44.0649, 72.4524**, and the grayscale version is **62.8804, 66.1550, 72.0428**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **31.1853, 35.1275, 22.9059** is the 20% darker color. If you saturate the color by 10%, you get **58.7080, 66.8381, 39.1707**, and if you desaturate by 10%, it is **63.5077, 68.8243, 61.4499**.

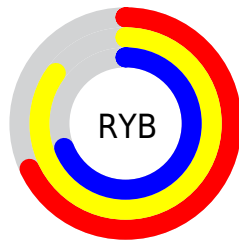
Distribution



Red (85%)

Green (85%)

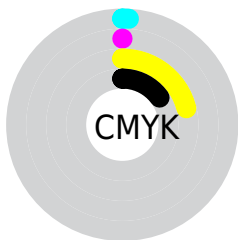
Blue (68%)



Red (68%)

Yellow (85%)

Blue (69%)

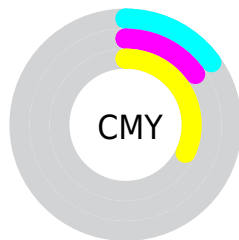


Cyan (1%)

Magenta (0%)

Yellow (21%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9331, 67.7589, 49.4024 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 60.9331, 67.7589, 49.4024 by changing the saturation by 10% instead.

60.9331, 67.7589,
49.4024

60.9331, 67.7589,
49.4024

417.8085,
452.6413, 400.9922

44.4235, 49.7016,
34.5709

105.2807,
116.0072, 90.6760

31.2029, 35.1764,
23.0517

133.8495,
146.9669, 117.9552

20.9060, 23.7988,
14.4260

167.1687,
182.9963, 150.2207

13.1674, 15.1844,
8.2754

205.6036,
224.4797, 187.8911

7.6217, 8.9489,
4.1814

249.5197,
271.8015, 231.3849

3.9036, 4.7079,
1.7254

299.2824,

1.6477, 2.0769,

325.3461, 281.1207

0.3780

355.2568,
385.4979, 337.5170

■ 0.4232, 0.6516,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.9331, 67.7589,
49.4024

■ 60.9331, 67.7589,
49.4024

■ 58.7080, 66.8381,
39.1707

■ 63.5077, 68.8243,
61.4499

■ 56.8104, 66.0462,
30.6628

■ 66.4421, 70.0315,
75.3908

■ 55.2240, 65.3790,
23.7848

■ 69.7525, 71.3893,
91.3033

■ 53.9290, 64.8285,
18.4326

■ 72.6035, 72.5636,
104.7873

■ 52.9033, 64.3860,
14.4898

■ 72.8982, 72.7155,
104.8011

■ 52.1217, 64.0412,
11.8232

■ 73.1946, 72.8683,
104.8150

■ 51.5540, 63.7823,
10.2746

■ 73.4927, 73.0220,
104.8289

■ 51.1674, 63.5980,
9.5788

■ 73.7925, 73.1765,
104.8429

■ 74.0941, 73.3320,
104.8570

Harmonies

Analogous

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



66.1941, 67.7589, 48.3765



60.9331, 67.7589, 49.4024



56.8251, 67.7589, 56.4244

Triad

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



60.9331, 67.7589, 49.4024



58.0179, 67.7589, 98.7804



75.0868, 67.7589, 78.9790

Complementary

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



60.9331, 67.7589, 49.4024



45.2803, 44.0649, 72.4524

Split Complementary

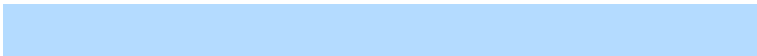
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.6258, 67.7589, 94.3680



60.9331, 67.7589, 49.4024



62.6441, 67.7589, 106.8032

Square

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



60.9331, 67.7589, 49.4024



55.2079, 67.7589, 84.3687



68.0018, 67.7589, 105.0852



74.5659, 67.7589, 64.1127

Rectangle

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



60.9331, 67.7589, 49.4024



55.1997, 67.7589, 64.1773



68.0018, 67.7589, 105.0852



74.5758, 67.7589, 84.2912

Sweetspot

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



60.9349, 67.7619, 49.4038



92.4333, 98.9244, 96.4272



51.6913, 48.3899, 46.1519



19.7261, 21.1498, 20.3619



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.



60.9349, 67.7619, 49.4038



85.3942, 96.0178, 63.4671



54.8649, 64.6327, 49.1198



14.1019, 15.2328, 13.9225



30.6780, 38.1126, 5.7396



2.0056, 2.4784, 0.3727

Inverse Universe

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



45.2803, 44.0649, 72.4524



59.0068, 56.0721, 102.3207



50.6265, 46.8209, 72.7026



12.3921, 12.6447, 16.4397



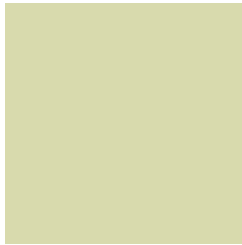
7.6783, 3.0825, 39.9287



0.5168, 0.2097, 2.5877

Previews

White Background



This preview shows how the XYZ color 60.9331, 67.7589, 49.4024 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 60.9331, 67.7589, 49.4024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

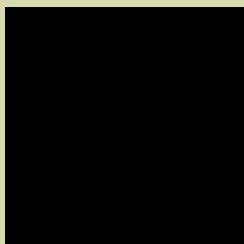
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

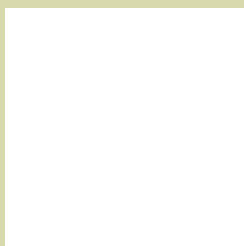
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9331, 67.7589, 49.4024

Background



This preview shows how black text looks on a background with the XYZ color 60.9331, 67.7589, 49.4024.



This preview shows how white text looks on a background with the XYZ color 60.9331, 67.7589,

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

60.9331, 67.7589, 49.4024

Protanopia

63.3922, 67.5274, 48.2210

Deuteranopia

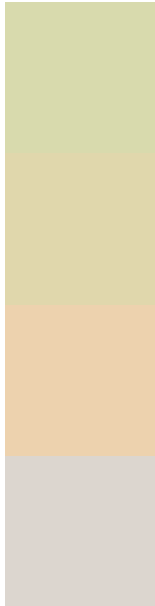
68.8761, 67.3775, 49.9324



Tritanopia

67.5908, 67.8226, 82.2017

Trichromacy



Original Color

60.9331, 67.7589, 49.4024

Protanomaly

62.4873, 67.4267, 48.7510

Deuteranomaly

65.6116, 67.1537, 49.5483

Tritanomaly

64.8243, 67.8138, 68.7042

Monochromacy



Original Color

60.9331, 67.7589, 49.4024

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.6802, 66.3165, 62.9755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9331, 67.7589, 49.4024 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(216, 218, 173)` looks like.

```
.text, #text, p{  
    color:rgb(216, 218, 173)  
}
```

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(216, 218, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 218, 173) }
```

Border

The CSS property to change the border of an element to XYZ 60.9331, 67.7589, 49.4024 is called "border". The border property can be set on classes, ids or directly on the HTML element.

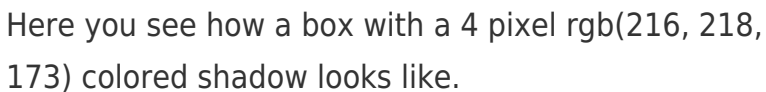
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 218, 173) }
```


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

```
.border{ border-color:rgb(216, 218, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 218, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 218, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 218, 173);  
box-shadow:4px 4px 4px 4px rgb(216, 218,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9331, 67.7589, 49.4024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 218, 173) }
```

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

```
.background{ background-color: rgb(216,  
218, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor