

Converting Colors

XYZ(51.5633, 49.8307, 24.3534)

Have a look what the booklet for
XYZ(51.5633, 49.8307, 24.3534)
contains.

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Color

**XYZ(51.5633, 49.8307,
24.3534)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E5B277 |
| RGB | 229, 178, 119 |
| RGB Percent | 90%, 70%, 47% |
| CMY | 0.1020, 0.3019, 0.5333 |
| CMYK | 0.00, 0.22, 0.48, 0.10 |
| HSL | 32°, 68%, 68% |
| HSV | 32°, 48%, 90% |
| XYZ | 51.5633, 49.8307, 24.3534 |
| YIQ | 186.5230, 49.3350, -7.5370 |

Conversions

Conversions Part 2

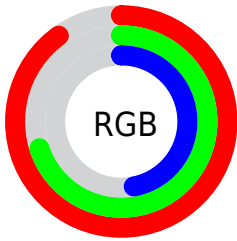
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 214, 229, 119 |
| Decimal | 15053431 |
| CIE _{Lab} | 75.97, 11.39, 37.16 |
| CIE _{LCh} | 76, 38.864, 72.959 |
| Yxy | 49.8307, 0.4101, 0.3963 |
| Android (android.graphics.Color) | 4293243511 (0xFFE5B277) |
| YUV | 186.5230, -33.2888, 37.2523 |
| Hunter-Lab | 70.5909, 6.8518, 28.9589 |

Details

The XYZ color **51.5633, 49.8307, 24.3534** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.1248, 38.3271, 79.6225**, and the grayscale version is **47.1285, 49.5828, 53.9957**.

A 20% lighter version of the original color is **78.1092, 83.0842, 50.9498**, and **25.2024, 23.7548, 8.8871** is the 20% darker color. If you saturate the color by 10%, you get **48.3193, 45.2848, 17.2851**, and if you desaturate by 10%, it is **55.3046, 54.8409, 33.2231**.

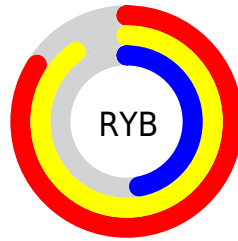
Distribution



Red (90%)

Green (70%)

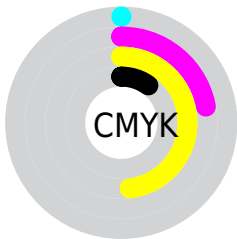
Blue (47%)



Red (84%)

Yellow (90%)

Blue (47%)

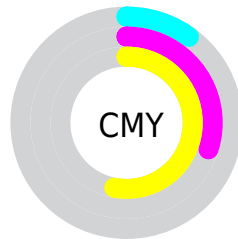


Cyan (0%)

Magenta (22%)

Yellow (48%)

Black (10%)



Cyan (10%)


Magenta (30%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5633, 49.8307, 24.3534 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 51.5633, 49.8307, 24.3534 by changing the saturation by 10% instead.


 51.5633, 49.8307,
24.3534

 51.5633, 49.8307,
24.3534


383.1001,
386.0035, 287.9462


 36.8800, 35.2789,
15.3814


 91.6649, 89.9240,
51.5573

 25.2878, 23.8778,
8.9379


 117.8139,
116.2343, 70.6263

 16.4215, 15.2430,
4.6044

 148.5155,
147.2328, 93.8980

 9.9156, 8.9901,
1.9624

184.1351,
183.3040, 121.7909

 5.4049, 4.7347,
0.5320

225.0380,
224.8323, 154.7237

 2.5239, 2.0925,
0.0000

271.5895,

 0.9073, 0.6604,

272.2021, 193.1148

0.0000

324.1551,
325.7977, 237.3828

■ 0.0000, 0.0000,
0.0000

■ 51.5633, 49.8307,
24.3534

■ 51.5633, 49.8307,
24.3534

■ 48.3193, 45.2848,
17.2851

■ 55.3046, 54.8409,
33.2231

■ 45.5410, 41.1791,
11.8866

■ 59.5649, 60.3240,
44.0072

■ 43.1985, 37.4972,
8.0128


■ 64.3687, 66.2974,
56.8127


■ 41.2552, 34.2183,
5.4919


■ 69.7380, 72.7751,
71.7381


■ 39.6618, 31.3161,
4.0835

■ 75.6931, 79.7704,
88.8750

 39.3759, 30.7837,
3.8665

 82.0269, 87.2057,
107.1168

 85.2738, 93.6996,
108.1992

 86.1231, 95.3980,
108.4822

Harmonies

Analogous

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



58.3064, 49.8307, 31.3574



51.5633, 49.8307, 24.3534



44.3067, 49.8307, 23.9249

Triad

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



51.5633, 49.8307, 24.3534



35.0427, 49.8307, 63.7051



57.5044, 49.8307, 89.0048

Complementary

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



51.5633, 49.8307, 24.3534



36.1248, 38.3271, 79.6225

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.



50.5559, 49.8307, 103.1631



51.5633, 49.8307, 24.3534



37.8817, 49.8307, 86.2397

Square

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



51.5633, 49.8307, 24.3534



35.2531, 49.8307, 43.3854



43.3964, 49.8307, 102.0387



61.9690, 49.8307, 66.8084

Rectangle

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



51.5633, 49.8307, 24.3534



40.1808, 49.8307, 27.1947



43.3964, 49.8307, 102.0387



55.3528, 49.8307, 95.0883

Sweetspot

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



51.5645, 49.8331, 24.3544



84.7714, 87.8016, 79.7046



46.1975, 32.7671, 42.0860



17.8335, 18.4156, 16.2026



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.



51.5645, 49.8331, 24.3544



61.5498, 57.6250, 21.8162



62.5045, 73.4317, 28.3328



15.0141, 15.6420, 15.1323



22.6351, 17.8443, 2.2513



1.7654, 1.5041, 0.1973

Inverse Universe

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



36.1248, 38.3271, 79.6225



39.5852, 41.2715, 100.4876



28.8609, 23.0378, 77.0542



14.1308, 14.9829, 18.2916



11.1604, 9.3829, 43.6060



0.9169, 0.8777, 3.2530

Previews

White Background



This preview shows how the XYZ color 51.5633, 49.8307, 24.3534 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 51.5633, 49.8307, 24.3534 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 51.5633, 49.8307, 24.3534

Background



This preview shows how black text looks on a background with the XYZ color 51.5633, 49.8307, 24.3534.



This preview shows how white text looks on a background with the XYZ color 51.5633, 49.8307,

24.3534.

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

51.5633, 49.8307, 24.3534

Protanopia

46.4602, 50.2339, 25.9863

Deuteranopia

50.8139, 49.7409, 24.3755



Tritanopia

57.1829, 49.8305, 51.4041

Trichromacy



Original Color

51.5633, 49.8307, 24.3534

Protanomaly

48.0939, 49.8323, 25.4961

Deuteranomaly

51.1284, 49.9030, 24.3902

Tritanomaly

54.8930, 49.7488, 39.9670

Monochromacy



Original Color

51.5633, 49.8307, 24.3534

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.0192, 49.4462, 41.1956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5633, 49.8307, 24.3534 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(229, 178, 119)` looks like.

```
.text, #text, p{  
    color:rgb(229, 178, 119)  
}
```

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(229, 178, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 178, 119) }
```

Border

The CSS property to change the border of an element to XYZ 51.5633, 49.8307, 24.3534 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(229, 178, 119) }
```


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

```
.border{ border-color:rgb(229, 178, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 178, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 178, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 178, 119);  
box-shadow:4px 4px 4px 4px rgb(229, 178,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5633, 49.8307, 24.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 178, 119) }
```

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

```
.background{ background-color: rgb(229,  
178, 119) }
```

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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