

Converting Colors

XYZ(49.2546, 55.1905, 34.5252)

Have a look what the booklet for
XYZ(49.2546, 55.1905, 34.5252)
contains.

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Color

**XYZ(49.2769, 55.1398,
34.4314)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C790
RGB	200, 199, 144
RGB Percent	78%, 78%, 56%
CMY	0.2157, 0.2196, 0.4353
CMYK	0.00, 0.00, 0.28, 0.22
HSL	59°, 34%, 67%
HSV	59°, 28%, 78%
XYZ	49.2769, 55.1398, 34.4314
YIQ	193.0290, 18.2510, -16.8930

Conversions

Conversions Part 2

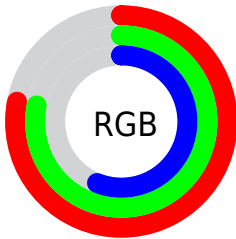
Format	Color
RYB	145, 200, 144
Decimal	13158288
CIELab	79.12, -8.34, 27.75
CIELCh	79, 28.970, 106.722
Yxy	55.1398, 0.3549, 0.3971
Android (android.graphics.Color)	4291348368 (0xFFC8C790)
YUV	193.0290, -24.1713, 6.1136
Hunter-Lab	74.2562, -11.4945, 24.4875

Details

The XYZ color **49.2769, 55.1398, 34.4314** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.0523, 30.3495, 58.8126**, and the grayscale version is **50.8369, 53.4844, 58.2445**.

A 20% lighter version of the original color is **87.1930, 96.8572, 67.5258**, and **23.7782, 27.0609, 14.3259** is the 20% darker color. If you saturate the color by 10%, you get **47.8006, 54.4205, 27.0542**, and if you desaturate by 10%, it is **51.0270, 55.9728, 43.2373**.

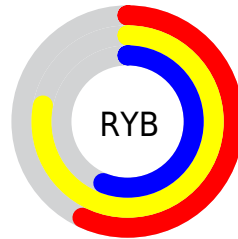
Distribution



Red (78%)

Green (78%)

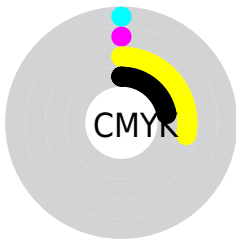
Blue (56%)



Red (57%)

Yellow (78%)

Blue (56%)

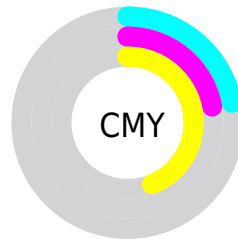


Cyan (0%)

Magenta (0%)

Yellow (28%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.2769, 55.1398, 34.4314 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 49.2769, 55.1398, 34.4314 by changing the saturation by 10% instead.

■ 49.2769, 55.1398,
34.4314

■ 49.2769, 55.1398,
34.4314

374.3303,
406.4416, 336.8791

■ 35.0546, 39.5137,
22.9452

■ 88.3008, 97.7458,
67.7455

■ 23.8717, 27.1596,
14.3481

■ 113.8332,
125.4944, 90.4105

■ 15.3627, 17.6931,
8.2217

143.8663,
158.0526, 117.6388

■ 9.1623, 10.7299,
4.1473

178.7655,
195.8048, 149.8489

■ 4.9051, 5.8855,
1.7065

218.8961,
239.1354, 187.4595

■ 2.2259, 2.7756,
0.3652

264.6236,

■ 0.7563, 1.0157,

288.4288, 230.8890

0.0000

316.3132,
344.0694, 280.5560

■ 0.0000, 0.0000,
0.0000

■ 49.2769, 55.1398,
34.4314

■ 49.2769, 55.1398,
34.4314

■ 47.8006, 54.4205,
27.0542

■ 51.0270, 55.9728,
43.2373

■ 46.5797, 53.8017,
21.0269

■ 53.0600, 56.9173,
53.5380

■ 45.5999, 53.2796,
16.2685

■ 55.3897, 57.9809,
65.4000

■ 44.8439, 52.8474,
12.6878

■ 58.0277, 59.1680,
78.8846

■ 44.2922, 52.4972,
10.1816

■ 60.9850, 60.4832,
94.0497

■ 43.9216, 52.2198,
8.6288

■ 62.7884, 61.3371,
103.1377

■ 43.6981, 52.0015,
7.8491

■ 62.8714, 61.5032,
103.1654

■ 43.6601, 51.9606,
7.7283

■ 62.9547, 61.6697,
103.1931

■ 63.0381, 61.8365,
103.2209

Harmonies

Analogous

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



55.0020, 55.1398, 34.0910



49.2769, 55.1398, 34.4314



44.7298, 55.1398, 40.7613

Triad

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



49.2769, 55.1398, 34.4314



45.1558, 55.1398, 86.3074



63.9815, 55.1398, 67.6459

Complementary

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



49.2769, 55.1398, 34.4314



32.0523, 30.3495, 58.8126

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.



60.9198, 55.1398, 84.5970



49.2769, 55.1398, 34.4314



49.8983, 55.1398, 96.6320

Square

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



49.2769, 55.1398, 34.4314



42.4730, 55.1398, 69.6652



55.6705, 55.1398, 95.9540



63.7844, 55.1398, 51.3411

Rectangle

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



49.2769, 55.1398, 34.4314



42.8519, 55.1398, 48.3215



55.6705, 55.1398, 95.9540



63.2903, 55.1398, 73.5097

Sweetspot

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



49.2783, 55.1423, 34.4326



91.8221, 98.5239, 92.4721



38.9711, 34.2977, 31.7066



19.5319, 21.0320, 19.1745



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.



49.2783, 55.1423, 34.4326



83.6062, 94.6390, 51.0531



43.1147, 52.3059, 34.2099



11.5071, 12.3834, 11.3465



27.7680, 33.0531, 4.9164



1.3201, 1.5756, 0.2345

Inverse Universe

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



32.0523, 30.3495, 58.8126



48.6073, 44.2677, 100.5904



37.0056, 32.6783, 59.0010



10.0715, 10.3172, 13.3781



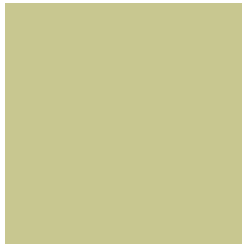
6.6603, 2.7145, 34.9173



0.3208, 0.1393, 1.6551

Previews

White Background



This preview shows how the XYZ color 49.2769, 55.1398, 34.4314 looks on a white background.

Color Contrast Check

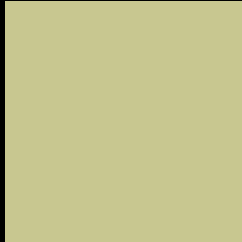
Large Text (above 18pt) WCAG AA × Fail

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 49.2769, 55.1398, 34.4314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

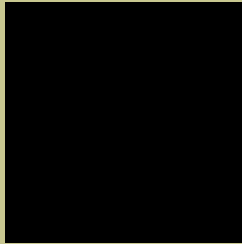
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

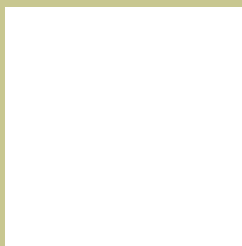
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.2769, 55.1398, 34.4314

Background



This preview shows how black text looks on a background with the XYZ color 49.2769, 55.1398, 34.4314.



This preview shows how white text looks on a background with the XYZ color 49.2769, 55.1398,

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

49.2769, 55.1398, 34.4314

Protanopia

51.2762, 55.1647, 33.9319

Deuteranopia

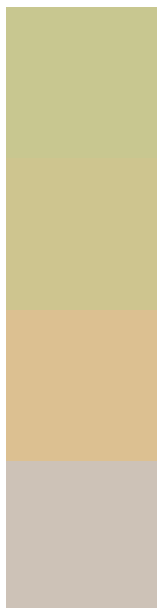
56.1265, 55.0307, 34.8579



Tritanopia

55.7838, 55.1277, 66.0931

Trichromacy



Original Color

49.2769, 55.1398, 34.4314

Protanomaly

50.3778, 55.0375, 33.9547

Deuteranomaly

53.4757, 54.9593, 34.5778

Tritanomaly

53.0159, 54.9816, 52.6180

Monochromacy



Original Color

49.2769, 55.1398, 34.4314

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.0179, 53.8611, 48.3174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2769, 55.1398, 34.4314 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(200, 199, 144)` looks like.

```
.text, #text, p{  
    color:rgb(200, 199, 144)  
}
```

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(200, 199, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 199, 144) }
```

Border

The CSS property to change the border of an element to XYZ 49.2769, 55.1398, 34.4314 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(200, 199, 144) }
```


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

```
.border{ border-color:rgb(200, 199, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 199, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 199, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 199, 144);  
box-shadow:4px 4px 4px 4px rgb(200, 199,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2769, 55.1398, 34.4314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 199, 144) }
```

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

```
.background{ background-color: rgb(200,  
199, 144) }
```

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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