

Converting Colors

XYZ(55.0800, 58.6126, 45.8475)

Have a look what the booklet for
XYZ(55.0800, 58.6126, 45.8475)
contains.

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Color

**XYZ(55.1995, 58.6349,
45.9445)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D4C9A9 |
| RGB | 212, 201, 169 |
| RGB Percent | 83%, 79%, 66% |
| CMY | 0.1686, 0.2117, 0.3372 |
| CMYK | 0.00, 0.05, 0.20, 0.17 |
| HSL | 45°, 33%, 75% |
| HSV | 45°, 20%, 83% |
| XYZ | 55.1995, 58.6349, 45.9445 |
| YIQ | 200.6410, 16.8280, -7.6200 |

Conversions

Conversions Part 2

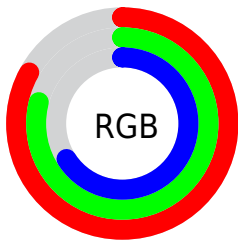
| Format | Color |
|-------------------------------------|--|
| RYB | 184, 212, 169 |
| Decimal | 13945257 |
| CIELab | 81.09, -1.33, 17.39 |
| CIElCh | 81, 17.438, 94.387 |
| Yxy | 58.6349, 0.3455, 0.3670 |
| Android (android.graphics.Color) | 4292135337 (0xFFD4C9A9) |
| YUV | 200.6410, -15.5990, 9.9618 |
| Hunter-Lab | 76.5734, -5.3282, 18.0271 |

Details

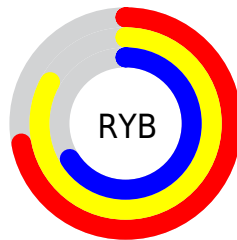
The XYZ color **55.1995, 58.6349, 45.9445** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.5670, 45.8301, 68.7850**, and the grayscale version is **55.3826, 58.2668, 63.4525**.

A 20% lighter version of the original color is **90.4545, 98.1618, 84.7007**, and **27.5492, 29.3199, 21.0369** is the 20% darker color. If you saturate the color by 10%, you get **52.1274, 55.4215, 35.8847**, and if you desaturate by 10%, it is **58.6420, 62.0719, 57.7212**.

Distribution



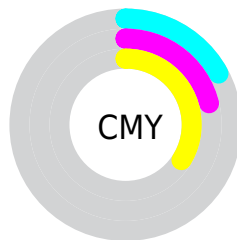
- Red (83%)
- Green (79%)
- Blue (66%)



- Red (72%)
- Yellow (83%)
- Blue (66%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (17%)





- Cyan (17%)
- Magenta (21%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1995, 58.6349, 45.9445 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 55.1995, 58.6349, 45.9445 by changing the saturation by 10% instead.


 55.1995, 58.6349,
45.9445

 55.1995, 58.6349,
45.9445


396.7918,
419.5476, 386.8566

 39.7959, 42.3193,
31.8537


 96.9798, 102.8468,
85.4693

 27.5630, 29.3514,
20.9859


124.0873,
131.5120, 111.7404

 18.1353, 19.3468,
12.9225


155.8268,
165.0624, 142.9087

 11.1474, 11.9211,
7.2451

192.5636,
203.8825, 179.3927

 6.2341, 6.6900,
3.5351

234.6632,
248.3566, 221.6109

 3.0300, 3.2690,
1.3739

282.4909,

 1.1696, 1.2737,

298.8693, 269.9820

0.1213

336.4119,
355.8048, 324.9243

■ 0.0822, 0.1207,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1995, 58.6349,
45.9445

■ 55.1995, 58.6349,
45.9445

■ 52.1274, 55.4215,
35.8847

■ 58.6420, 62.0719,
57.7212

■ 49.4052, 52.4166,
27.4563

■ 62.4653, 65.7313,
71.2876

■ 47.0170, 49.6153,
20.5717

■ 66.6850, 69.6220,
86.7167

■ 44.9441, 47.0092,
15.1338

■ 71.3142, 73.7501,
104.0763

43.1654, 44.5892,
11.0343

72.9756, 76.7652,
105.5787

41.6570, 42.3450,
8.1497

74.4915, 79.7969,
106.0840

40.3906, 40.2644,
6.3332

76.0545, 82.9230,
106.6050

39.3425, 38.3789,
5.3343

77.6652, 86.1443,
107.1419

79.3238, 89.4616,
107.6948

Harmonies

Analogous

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



58.7969, 58.6349, 47.4890



55.1995, 58.6349, 45.9445



51.8879, 58.6349, 48.7530

Triad

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



55.1995, 58.6349, 45.9445



50.1769, 58.6349, 75.7880



62.2518, 58.6349, 72.8628

Complementary

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



55.1995, 58.6349, 45.9445



44.5670, 45.8301, 68.7850

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.



59.7587, 58.6349, 81.7648



55.1995, 58.6349, 45.9445



52.7730, 58.6349, 83.5780

Square

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



55.1995, 58.6349, 45.9445



49.0690, 58.6349, 65.3818



56.2653, 58.6349, 85.8750



62.9696, 58.6349, 62.3294

Rectangle

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



55.1995, 58.6349, 45.9445



50.2567, 58.6349, 52.9157



56.2653, 58.6349, 85.8750



61.5885, 58.6349, 76.1807

Sweetspot

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



55.2010, 58.6375, 45.9457



91.4482, 96.5825, 96.0271



49.6259, 45.6881, 49.6336



19.4926, 20.5947, 20.2670



0.0000, 0.0000, 0.0000



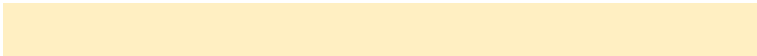
20.3446, 21.4041, 23.3091

Same Dimension

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



55.2010, 58.6375, 45.9457



81.9243, 87.0843, 63.4123



55.0536, 62.5040, 46.6998



13.1915, 13.9573, 13.1595



24.3721, 23.8614, 3.3212



1.5347, 1.5685, 0.2219

Inverse Universe

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



44.5670, 45.8301, 68.7850



63.1578, 64.4849, 103.7258



44.6705, 42.7179, 68.1788



11.9982, 12.5197, 15.7217



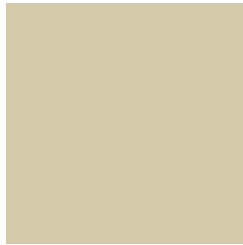
8.2255, 4.7128, 38.9293



0.5631, 0.4183, 2.3704

Previews

White Background



This preview shows how the XYZ color 55.1995, 58.6349, 45.9445 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 55.1995, 58.6349, 45.9445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

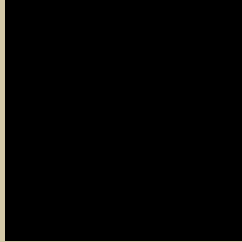
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1995, 58.6349, 45.9445

Background



This preview shows how black text looks on a background with the XYZ color 55.1995, 58.6349, 45.9445.



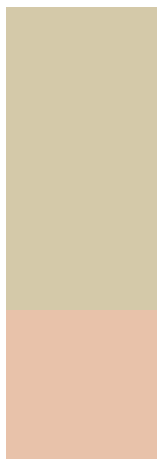
This preview shows how white text looks on a background with the XYZ color 55.1995, 58.6349,

45.9445.

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

55.1995, 58.6349, 45.9445

Protanopia

55.1995, 58.6349, 45.9445

Deuteranopia

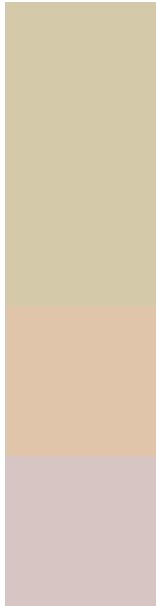
59.8262, 58.6417, 46.1960



Tritanopia

59.7632, 58.4351, 69.1020

Trichromacy



Original Color

55.1995, 58.6349, 45.9445

Protanomaly

55.1995, 58.6349, 45.9445

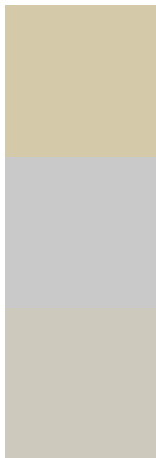
Deuteranomaly

58.2733, 58.8423, 46.3166

Tritanomaly

57.8409, 58.3197, 59.8380

Monochromacy



Original Color

55.1995, 58.6349, 45.9445

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.2488, 58.4265, 56.5096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1995, 58.6349, 45.9445 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(212, 201, 169)` looks like.

```
.text, #text, p{  
    color:rgb(212, 201, 169)  
}
```

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(212, 201, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 201, 169) }
```

Border

The CSS property to change the border of an element to XYZ 55.1995, 58.6349, 45.9445 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(212, 201, 169) }
```


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

```
.border{ border-color:rgb(212, 201, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 201, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 201, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 201, 169);  
box-shadow:4px 4px 4px 4px rgb(212, 201,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1995, 58.6349, 45.9445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 201, 169) }
```

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

```
.background{ background-color: rgb(212,  
201, 169) }
```

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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