

Converting Colors

XYZ(55.2689, 54.3606, 45.1158)

Have a look what the booklet for
XYZ(55.2689, 54.3606, 45.1158)
contains.

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Color

**XYZ(55.2689, 54.3606,
45.1158)**

Conversions

Conversions Part 1

Format	Color
Hex	DEBCA9
RGB	222, 188, 169
RGB Percent	87%, 74%, 66%
CMY	0.1294, 0.2627, 0.3372
CMYK	0.00, 0.15, 0.24, 0.13
HSL	22°, 45%, 77%
HSV	22°, 24%, 87%
XYZ	55.2689, 54.3606, 45.1158
YIQ	196.0000, 26.3630, 1.2990

Conversions

Conversions Part 2

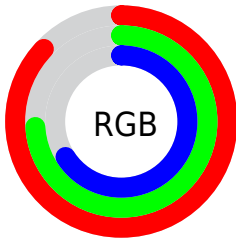
Format	Color
R _Y B	222, 199, 169
Decimal	14597289
CIE Lab	78.67, 9.27, 14.12
CIE LCh	79, 16.893, 56.729
Yxy	54.3606, 0.3572, 0.3513
Android (android.graphics.Color)	4292787369 (0xFFDEBCA9)
YUV	196.0000, -13.3110, 22.8020
Hunter-Lab	73.7296, 4.7795, 15.3307

Details

The XYZ color **55.2689, 54.3606, 45.1158** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **50.9026, 56.4195, 77.3149**, and the grayscale version is **52.5368, 55.2728, 60.1921**.

A 20% lighter version of the original color is **87.0452, 91.3432, 83.5642**, and **27.6007, 26.7193, 20.5322** is the 20% darker color. If you saturate the color by 10%, you get **50.4661, 47.8117, 34.0909**, and if you desaturate by 10%, it is **60.7287, 61.6564, 58.1067**.

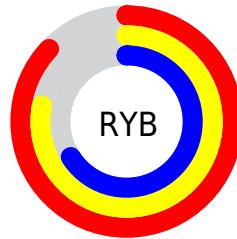
Distribution



Red (87%)

Green (74%)

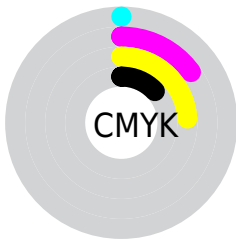
Blue (66%)



Red (87%)

Yellow (78%)

Blue (66%)

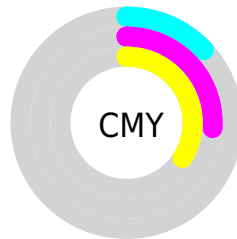


Cyan (0%)

Magenta (15%)

Yellow (24%)

Black (13%)



Cyan (13%)


Magenta (26%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.2689, 54.3606, 45.1158 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 55.2689, 54.3606, 45.1158 by changing the saturation by 10% instead.

 55.2689, 54.3606,
45.1158

 55.2689, 54.3606,
45.1158


397.0503,
403.4836, 383.4161

 39.8517, 38.8900,
31.2050


 97.0809, 96.6035,
84.2144

 27.6067, 26.6742,
20.4953


124.2064,
124.1446, 110.2394

 18.1683, 17.3287,
12.5679


155.9654,
156.4781, 141.1395

 11.1713, 10.4691,
7.0045

192.7232,
193.9882, 177.3333

 6.2503, 5.7111,
3.3864

234.8453,
237.0594, 219.2393

 3.0400, 2.6702,
1.2952

282.6969,

 1.1749, 0.9621,

286.0761, 267.2761

0.0578

336.6435,
341.4227, 321.8622

■ 0.0864, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2689, 54.3606,
45.1158

■ 55.2689, 54.3606,
45.1158

■ 50.4661, 47.8117,
34.0909

■ 60.7287, 61.6564,
58.1067

■ 46.2894, 41.9777,
24.9316

■ 66.8660, 69.7148,
73.1505

■ 42.7118, 36.8353,
17.5338

■ 73.7058, 78.5606,
90.3328

■ 39.7023, 32.3569,
11.7814

■ 80.8161, 88.0331,
107.3404

■ 37.2269, 28.5127,
7.5446

■ 83.9344, 94.2697,
108.3798

■ 35.2471, 25.2704,
4.6731

■ 33.7176, 22.5936,
2.9853

■ 32.9641, 21.2090,
2.3564

Harmonies

Analogous

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



57.6137, 54.3606, 51.3027



55.2689, 54.3606, 45.1158



52.0351, 54.3606, 42.6727

Triad

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



55.2689, 54.3606, 45.1158



45.5229, 54.3606, 58.1471



54.6083, 54.3606, 77.1667

Complementary

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



55.2689, 54.3606, 45.1158



50.9026, 56.4195, 77.3149

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.



51.3028, 54.3606, 79.4976



55.2689, 54.3606, 45.1158



46.1463, 54.3606, 67.8456

Square

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



55.2689, 54.3606, 45.1158



46.4867, 54.3606, 49.6693



48.2272, 54.3606, 75.9221



57.2209, 54.3606, 69.8544

Rectangle

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



55.2689, 54.3606, 45.1158



49.8430, 54.3606, 43.2768



48.2272, 54.3606, 75.9221



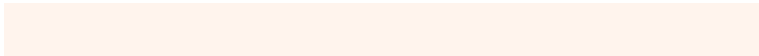
53.5372, 54.3606, 78.5907

Sweetspot

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



55.2703, 54.3631, 45.1169



88.7636, 91.8144, 93.2793



55.1460, 48.2395, 63.1867



18.8878, 19.5063, 19.6919



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.



55.2703, 54.3631, 45.1169



72.0359, 69.4988, 53.3609



61.3454, 66.5132, 47.1419



14.1075, 14.5009, 14.3622



19.6757, 12.7893, 1.4316



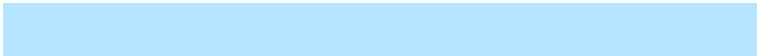
1.4465, 1.0519, 0.1268

Inverse Universe

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



50.9026, 56.4195, 77.3149



64.9945, 72.8031, 105.2346



45.2600, 45.1342, 75.4340



13.6816, 14.7023, 17.5044



13.7210, 14.9116, 43.2034



1.0348, 1.2011, 3.0225

Previews

White Background



This preview shows how the XYZ color 55.2689, 54.3606, 45.1158 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 55.2689, 54.3606, 45.1158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

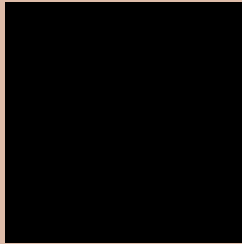
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2689, 54.3606, 45.1158

Background



This preview shows how black text looks on a background with the XYZ color 55.2689, 54.3606, 45.1158.



This preview shows how white text looks on a background with the XYZ color 55.2689, 54.3606,

45.1158.

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

55.2689, 54.3606, 45.1158

Protanopia

51.6400, 54.3995, 46.8082

Deuteranopia

55.5761, 54.5190, 45.1302



Tritanopia

58.3849, 54.3657, 60.8425

Trichromacy



Original Color

55.2689, 54.3606, 45.1158

Protanomaly

53.0643, 54.4884, 46.2486

Deuteranomaly

55.5761, 54.5190, 45.1302

Tritanomaly

57.0591, 54.1331, 54.4551

Monochromacy



Original Color

55.2689, 54.3606, 45.1158

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.1097, 54.6642, 54.2064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2689, 54.3606, 45.1158 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(222, 188, 169)` looks like.

```
.text, #text, p{  
    color:rgb(222, 188, 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(222, 188, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 188, 169) }
```

Border

The CSS property to change the border of an element to XYZ 55.2689, 54.3606, 45.1158 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(222, 188, 169) }
```


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

```
.border{ border-color:rgb(222, 188, 169) }
```

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

Here you see how a box with a 4 pixel rgb(222, 188, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 188, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 188, 169);  
box-shadow:4px 4px 4px 4px rgb(222, 188,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2689, 54.3606, 45.1158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 188, 169) }
```

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

```
.background{ background-color: rgb(222,  
188, 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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