

Converting Colors

XYZ(55.5252, 59.7312, 44.6803)

Have a look what the booklet for
XYZ(55.5252, 59.7312, 44.6803)
contains.

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Color

**XYZ(55.6272, 59.9360,
44.7133)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CCA6
RGB	212, 204, 166
RGB Percent	83%, 80%, 65%
CMY	0.1686, 0.2000, 0.3490
CMYK	0.00, 0.04, 0.22, 0.17
HSL	50°, 35%, 74%
HSV	50°, 22%, 83%
XYZ	55.6272, 59.9360, 44.7133
YIQ	202.0600, 16.9660, -10.1220

Conversions

Conversions Part 2

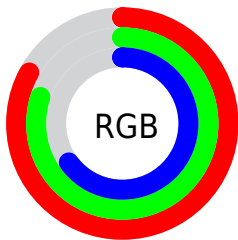
Format	Color
RYB	176, 212, 166
Decimal	13946022
CIELab	81.80, -3.33, 19.97
CIELCh	82, 20.244, 99.474
Yxy	59.9360, 0.3471, 0.3740
Android (android.graphics.Color)	4292136102 (0xFFD4CCA6)
YUV	202.0600, -17.7776, 8.7174
Hunter-Lab	77.4183, -7.2250, 19.9496

Details

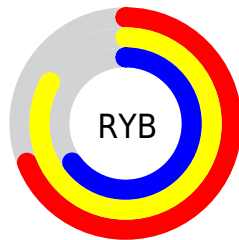
The XYZ color **55.6272, 59.9360, 44.7133** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.7454, 43.1315, 68.3600**, and the grayscale version is **56.2778, 59.2087, 64.4782**.

A 20% lighter version of the original color is **90.0511, 98.0005, 82.5764**, and **27.8482, 30.1957, 20.2802** is the 20% darker color. If you saturate the color by 10%, you get **52.9757, 57.4926, 35.0130**, and if you desaturate by 10%, it is **58.6232, 62.5545, 56.1115**.

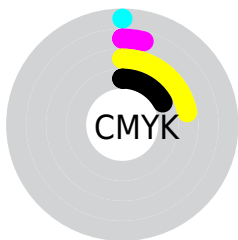
Distribution



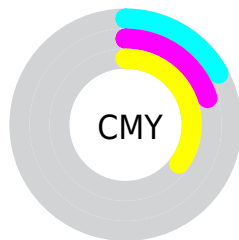
- Red (83%)
- Green (80%)
- Blue (65%)



- Red (69%)
- Yellow (83%)
- Blue (65%)



- Cyan (0%)
- Magenta (4%)
- Yellow (22%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6272, 59.9360, 44.7133 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 55.6272, 59.9360, 44.7133 by changing the saturation by 10% instead.

■ 55.6272, 59.9360,
44.7133

■ 55.6272, 59.9360,
44.7133

398.3829,
424.3618, 381.7374

■ 40.1399, 43.3671,
30.8904

■ 97.6023, 104.7368,
83.6039

■ 27.8324, 30.1732,
20.2576

■ 124.8208,
133.7375, 109.5087

■ 18.3391, 19.9701,
12.3965

156.6804,
167.6508, 140.2777

■ 11.2949, 12.3733,
6.8885

193.5465,
206.8613, 176.3297

■ 6.3343, 6.9985,
3.3151

235.7845,
251.7532, 218.0831

■ 3.0920, 3.4611,
1.2577

283.7596,

■ 1.2026, 1.3770,

302.7110, 265.9565

0.0267

337.8373,
360.1191, 320.3684

■ 0.1084, 0.1996,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6272, 59.9360,
44.7133

■ 55.6272, 59.9360,
44.7133

■ 52.9757, 57.4926,
35.0130

■ 58.6232, 62.5545,
56.1115

■ 50.6481, 55.2096,
26.9240

■ 61.9737, 65.3461,
69.2807

■ 48.6289, 53.0827,
20.3580

■ 65.6942, 68.3193,
84.2946

■ 46.8992, 51.1041,
15.2165

■ 69.7978, 71.4795,
101.2213

■ 45.4380, 49.2651,
11.3894

■ 71.4370, 73.6880,
105.0658

■ 44.2213, 47.5559,
8.7507

■ 72.4289, 75.6719,
105.3965

■ 43.2201, 45.9647,
7.1495

■ 73.4424, 77.6989,
105.7343

■ 42.5112, 44.7166,
6.3906

■ 74.4776, 79.7692,
106.0793

■ 75.5345, 81.8831,
106.4317

Harmonies

Analogous

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



59.8938, 59.9360, 45.6301



55.6272, 59.9360, 44.7133



51.9076, 59.9360, 48.7461

Triad

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



55.6272, 59.9360, 44.7133



50.8641, 59.9360, 81.3718



65.0042, 59.9360, 73.8535

Complementary

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



55.6272, 59.9360, 44.7133



42.7454, 43.1315, 68.3600

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.



62.3457, 59.9360, 85.1369



55.6272, 59.9360, 44.7133



54.1378, 59.9360, 89.8398

Square

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



55.6272, 59.9360, 44.7133



49.2496, 59.9360, 69.2057



58.3289, 59.9360, 91.2977



65.4520, 59.9360, 61.4674

Rectangle

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



55.6272, 59.9360, 44.7133



50.1863, 59.9360, 54.0346



58.3289, 59.9360, 91.2977



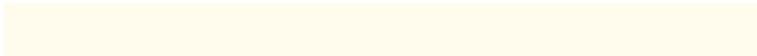
64.3333, 59.9360, 77.9417

Sweetspot

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



55.6288, 59.9387, 44.7146



91.3262, 96.9396, 94.1335



48.4705, 44.3431, 46.2714



19.4816, 20.6940, 19.8898



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.



55.6288, 59.9387, 44.7146



82.5861, 89.3078, 60.8589



53.5665, 61.7695, 45.1766



13.2807, 14.1355, 13.1892



26.3096, 27.7365, 3.9670



1.6363, 1.7718, 0.2557

Inverse Universe

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



42.7454, 43.1315, 68.3600



59.6680, 59.4127, 102.9307



44.4751, 41.7981, 68.0114



11.9154, 12.3542, 15.6941



7.7930, 3.8478, 38.7851



0.5243, 0.3406, 2.3574

Previews

White Background



This preview shows how the XYZ color 55.6272, 59.9360, 44.7133 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 55.6272, 59.9360, 44.7133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

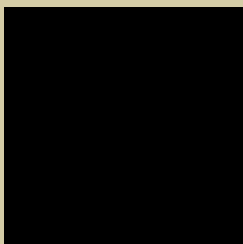
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

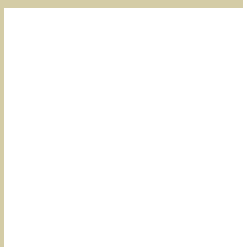
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6272, 59.9360, 44.7133

Background



This preview shows how black text looks on a background with the XYZ color 55.6272, 59.9360, 44.7133.



This preview shows how white text looks on a background with the XYZ color 55.6272, 59.9360,

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

55.6272, 59.9360, 44.7133

Protanopia

56.1718, 59.8756, 44.1939

Deuteranopia

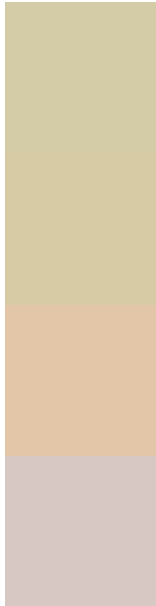
60.8439, 59.5195, 45.3274



Tritanopia

61.1178, 60.0977, 71.3296

Trichromacy



Original Color

55.6272, 59.9360, 44.7133

Protanomaly

55.8790, 59.7246, 44.1802

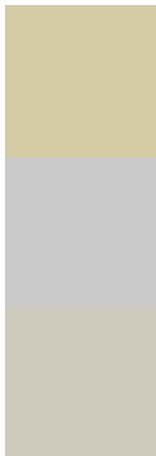
Deuteranomaly

58.8477, 59.5091, 44.9440

Tritanomaly

58.9370, 59.8930, 60.6787

Monochromacy



Original Color

55.6272, 59.9360, 44.7133

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.9948, 59.5078, 56.6790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6272, 59.9360, 44.7133 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, 204, 166) looks like.

```
.text, #text, p{  
    color:rgb(212, 204, 166)  
}
```

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, 204, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 204, 166) }
```

Border

The CSS property to change the border of an element to XYZ 55.6272, 59.9360, 44.7133 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, 204, 166) }
```


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

```
.border{ border-color:rgb(212, 204, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 204, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 204, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 204, 166);  
box-shadow:4px 4px 4px 4px rgb(212, 204,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6272, 59.9360, 44.7133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 204, 166) }
```

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

```
.background{ background-color: rgb(212,  
204, 166) }
```

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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