

Converting Colors

XYZ(53.1350, 55.1821, 54.1057)

Have a look what the booklet for
XYZ(53.1350, 55.1821, 54.1057)
contains.

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Color

**XYZ(53.2799, 55.4128,
54.3420)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC3BA
RGB	204, 195, 186
RGB Percent	80%, 76%, 73%
CMY	0.2000, 0.2353, 0.2706
CMYK	0.00, 0.04, 0.09, 0.20
HSL	30°, 15%, 76%
HSV	30°, 9%, 80%
XYZ	53.2799, 55.4128, 54.3420
YIQ	196.6650, 8.2530, -0.8910

Conversions

Conversions Part 2

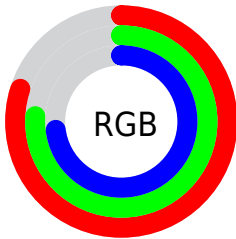
Format	Color
R_{YB}	204, 204, 186
Decimal	13419450
CIE Lab	79.28, 1.58, 5.63
CIE LCh	79, 5.848, 74.288
Yxy	55.4128, 0.3268, 0.3399
Android (android.graphics.Color)	4291609530 (0xFFCCC3BA)
YUV	196.6650, -5.2578, 6.4328
Hunter-Lab	74.4398, -2.5091, 8.8254

Details

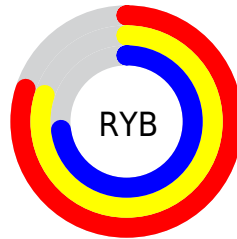
The XYZ color **53.2799, 55.4128, 54.3420** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.6638, 53.8280, 64.8469**, and the grayscale version is **52.8975, 55.6522, 60.6053**.

A 20% lighter version of the original color is **92.0774, 97.2916, 97.9306**, and **26.3362, 27.2272, 26.0576** is the 20% darker color. If you saturate the color by 10%, you get **49.0576, 50.1943, 42.9878**, and if you desaturate by 10%, it is **57.9709, 61.0720, 67.3813**.

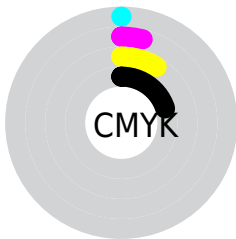
Distribution



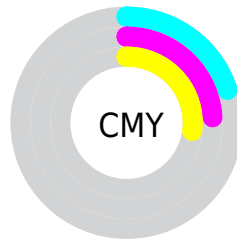
- Red (80%)
- Green (76%)
- Blue (73%)



- Red (80%)
- Yellow (80%)
- Blue (73%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (20%)



- Cyan (20%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2799, 55.4128, 54.3420 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 53.2799, 55.4128, 54.3420 by changing the saturation by 10% instead.

■ 53.2799, 55.4128,
54.3420

■ 53.2799, 55.4128,
54.3420

389.6014,
407.4748, 420.6243

■ 38.2546, 39.7323,
38.4801

■ 94.1792, 98.1455,
98.0377

■ 26.3585, 27.3299,
26.0508

120.7840,
125.9665, 126.7085

■ 17.2261, 17.8211,
16.6356

151.9793,
158.6032, 160.4862

■ 10.4921, 10.8217,
9.8158

188.1305,
196.4399, 199.7890

■ 5.7912, 5.9470,
5.1730

229.6029,
239.8610, 245.0358

■ 2.7580, 2.8129,
2.2886

276.7620,

■ 1.0271, 1.0348,

289.2509, 296.6448

0.7248

329.9730,
344.9941, 355.0348

■ 0.0000, 0.0000,
0.0000

■ 53.2799, 55.4128,
54.3420

■ 53.2799, 55.4128,
54.3420

■ 49.0576, 50.1943,
42.9878

■ 57.9709, 61.0720,
67.3813

■ 45.2834, 45.3978,
33.2455

■ 63.1414, 67.1756,
82.1679

■ 41.9415, 41.0139,
25.0414

■ 68.8073, 73.7365,
98.7651

■ 39.0136, 37.0298,
18.2950

■ 72.8865, 79.9263,
106.1935

■ 36.4797, 33.4322,
12.9181

■ 75.9029, 85.9590,
107.1990

■ 34.3179, 30.2066,
8.8129

■ 78.7121, 91.5775,
108.1354

■ 32.5039, 27.3375,
5.8684

■ 31.0091, 24.8072,
3.9541

■ 29.7898, 22.5919,
2.8595

Harmonies

Analogous

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



54.2954, 55.4128, 55.9464



53.2799, 55.4128, 54.3420



52.1149, 55.4128, 54.3033

Triad

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



53.2799, 55.4128, 54.3420



50.5177, 55.4128, 61.9395



54.2550, 55.4128, 65.0666

Complementary

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



53.2799, 55.4128, 54.3420



50.6638, 53.8280, 64.8469

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.



53.2255, 55.4128, 66.7978



53.2799, 55.4128, 54.3420



51.0739, 55.4128, 64.9475

Square

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



53.2799, 55.4128, 54.3420



50.5318, 55.4128, 58.6068



52.0612, 55.4128, 66.7534



54.8640, 55.4128, 62.0971

Rectangle

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



53.2799, 55.4128, 54.3420



51.4108, 55.4128, 55.1660



52.0612, 55.4128, 66.7534



53.9460, 55.4128, 65.8175

Sweetspot

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



53.2814, 55.4152, 54.3432



92.6350, 97.1018, 102.1393



52.3118, 51.8961, 58.8903



19.6922, 20.6204, 21.4848



0.0000, 0.0000, 0.0000



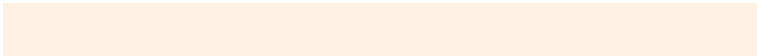
20.3446, 21.4041, 23.3091

Same Dimension

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



53.2814, 55.4152, 54.3432



86.5479, 89.7026, 85.3896



55.3583, 59.5689, 55.0355



11.6682, 12.1253, 11.8049



18.7599, 14.2528, 1.7623



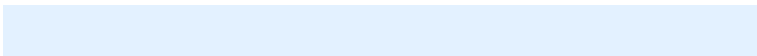
1.0437, 0.8871, 0.1162

Inverse Universe

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



50.6638, 53.8280, 64.8469



81.1589, 86.4350, 107.0138



48.7085, 49.9174, 64.1952



11.0572, 11.7548, 14.2565



9.9410, 8.9060, 37.1514



0.5888, 0.6113, 1.9419

Previews

White Background



This preview shows how the XYZ color 53.2799, 55.4128, 54.3420 looks on a white background.

Color Contrast Check

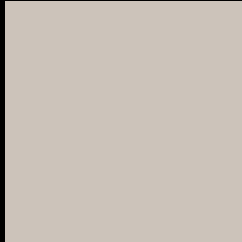
Large Text (above 18pt) WCAG AA × Fail

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 53.2799, 55.4128, 54.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

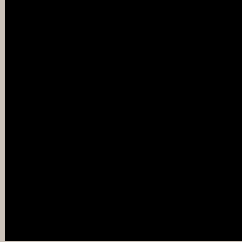
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

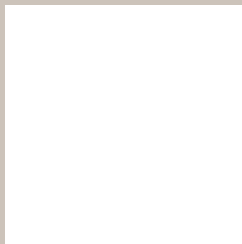
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2799, 55.4128, 54.3420

Background



This preview shows how black text looks on a background with the XYZ color 53.2799, 55.4128, 54.3420.

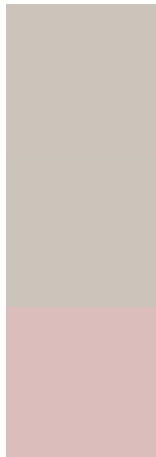


This preview shows how white text looks on a background with the XYZ color 53.2799, 55.4128,

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

53.2799, 55.4128, 54.3420

Protanopia

52.9600, 55.5816, 54.3914

Deuteranopia

56.5965, 55.4748, 54.7385



Tritanopia

55.8442, 55.4697, 66.7949

Trichromacy



Original Color

53.2799, 55.4128, 54.3420

Protanomaly

53.2315, 55.7215, 54.4041

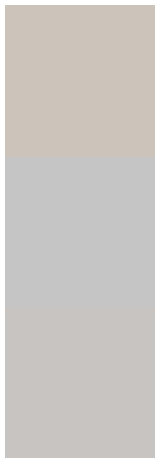
Deuteranomaly

55.5508, 55.5833, 54.8145

Tritanomaly

54.8324, 55.3853, 61.8333

Monochromacy



Original Color

53.2799, 55.4128, 54.3420

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.1850, 55.6095, 58.3826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2799, 55.4128, 54.3420 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(204, 195, 186) looks like.

```
.text, #text, p{  
    color:rgb(204, 195, 186)  
}
```

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(204, 195, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 195, 186) }
```

Border

The CSS property to change the border of an element to XYZ 53.2799, 55.4128, 54.3420 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(204, 195, 186) }
```


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

```
.border{ border-color:rgb(204, 195, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 195, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 195, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 195, 186);  
box-shadow:4px 4px 4px 4px rgb(204, 195,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2799, 55.4128, 54.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 195, 186) }
```

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

```
.background{ background-color: rgb(204,  
195, 186) }
```

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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