

Converting Colors

XYZ(53.5865, 55.1128, 45.1395)

Have a look what the booklet for
XYZ(53.5865, 55.1128, 45.1395)
contains.

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Color

**XYZ(53.6720, 55.1506,
45.3524)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C1A9
RGB	213, 193, 169
RGB Percent	84%, 76%, 66%
CMY	0.1647, 0.2431, 0.3372
CMYK	0.00, 0.09, 0.21, 0.16
HSL	33°, 34%, 75%
HSV	33°, 21%, 84%
XYZ	53.6720, 55.1506, 45.3524
YIQ	196.2440, 19.6240, -3.2240

Conversions

Conversions Part 2

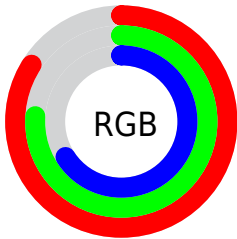
Format	Color
R _Y B	206, 213, 169
Decimal	14008745
CIE Lab	79.13, 3.24, 14.65
CIE LCh	79, 15.005, 77.524
Yxy	55.1506, 0.3481, 0.3577
Android (android.graphics.Color)	4292198825 (0xFFD5C1A9)
YUV	196.2440, -13.4313, 14.6950
Hunter-Lab	74.2634, -0.9547, 15.7762

Details

The XYZ color **53.6720, 55.1506, 45.3524** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.5698, 49.6333, 70.0770**, and the grayscale version is **52.6868, 55.4307, 60.3640**.

A 20% lighter version of the original color is **88.5702, 94.3932, 84.0726**, and **26.6895, 27.3096, 20.6942** is the 20% darker color. If you saturate the color by 10%, you get **49.7631, 50.2762, 34.9747**, and if you desaturate by 10%, it is **58.0497, 60.4404, 57.4948**.

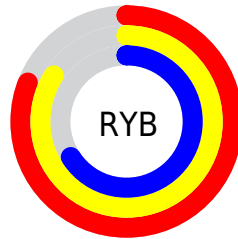
Distribution



Red (84%)

Green (76%)

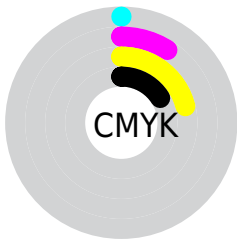
Blue (66%)



Red (81%)

Yellow (84%)

Blue (66%)

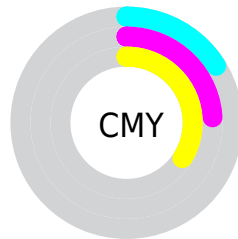


Cyan (0%)

Magenta (9%)

Yellow (21%)

Black (16%)



Cyan (16%)

Magenta (24%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6720, 55.1506, 45.3524 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 53.6720, 55.1506, 45.3524 by changing the saturation by 10% instead.

■ 53.6720, 55.1506,
45.3524

■ 53.6720, 55.1506,
45.3524

391.0768,
406.4825, 384.4006

■ 38.5691, 39.5223,
31.3901

■ 94.7522, 97.7616,
84.5730

■ 26.6039, 27.1663,
20.6351

121.4602,
125.5130, 110.6684

■ 17.4110, 17.6982,
12.6689

152.7673,
158.0744, 141.6453

■ 10.6251, 10.7335,
7.0729

189.0389,
195.8299, 177.9222

■ 5.8808, 5.8879,
3.4286

230.6403,
239.1641, 219.9176

■ 2.8127, 2.7771,
1.3174

277.9368,

■ 1.0555, 1.0165,

288.4614, 268.0501

0.0760

331.2939,
344.1061, 322.7383

■ 0.0000, 0.0000,
0.0000

■ 53.6720, 55.1506,
45.3524

■ 53.6720, 55.1506,
45.3524

■ 49.7631, 50.2762,
34.9747

■ 58.0497, 60.4404,
57.4948

■ 46.3003, 45.7982,
26.2744

■ 62.9091, 66.1493,
71.4766

■ 43.2651, 41.7068,
19.1618

■ 68.2679, 72.2902,
87.3725

■ 40.6360, 37.9888,
13.5376

■ 74.1417, 78.8733,
105.2518

■ 38.3894, 34.6301,
9.2908

■ 77.0660, 84.5167,
106.8593

■ 36.4982, 31.6150,
6.2949

■ 80.0144, 90.4134,
107.8421

■ 34.9310, 28.9260,
4.3994

■ 81.2508, 92.8862,
108.2542

■ 33.7095, 26.6836,
3.3738

Harmonies

Analogous

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



56.4018, 55.1506, 48.6956



53.6720, 55.1506, 45.3524



50.7052, 55.1506, 45.6647

Triad

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



53.6720, 55.1506, 45.3524



47.1207, 55.1506, 65.1502



56.7790, 55.1506, 71.8806

Complementary

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



53.6720, 55.1506, 45.3524



46.5698, 49.6333, 70.0770

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.



54.1710, 55.1506, 77.1767



53.6720, 55.1506, 45.3524



48.6282, 55.1506, 73.0441

Square

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



53.6720, 55.1506, 45.3524



46.9986, 55.1506, 56.5592



51.1856, 55.1506, 77.6217



58.2409, 55.1506, 63.6808

Rectangle

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



53.6720, 55.1506, 45.3524



48.9914, 55.1506, 47.9041



51.1856, 55.1506, 77.6217



56.0029, 55.1506, 74.0919

Sweetspot

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



53.6735, 55.1531, 45.3536



90.5054, 94.6971, 95.7128



50.8725, 46.2201, 54.6890



19.2695, 20.1486, 20.1927



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.



53.6735, 55.1531, 45.3536



77.8756, 79.4409, 60.6637



57.9733, 64.3814, 46.9082



12.9790, 13.5323, 13.0886



20.6944, 16.5061, 2.0953



1.3305, 1.1601, 0.1538

Inverse Universe

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



46.5698, 49.6333, 70.0770



65.2501, 69.6315, 104.6089



42.8775, 41.7789, 68.7556



12.2028, 12.9290, 15.7899



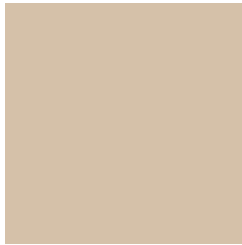
10.0355, 8.3328, 39.5326



0.6874, 0.6668, 2.4118

Previews

White Background



This preview shows how the XYZ color 53.6720, 55.1506, 45.3524 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 53.6720, 55.1506, 45.3524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

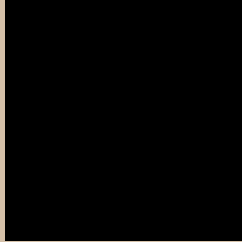
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6720, 55.1506, 45.3524

Background



This preview shows how black text looks on a background with the XYZ color 53.6720, 55.1506, 45.3524.



This preview shows how white text looks on a background with the XYZ color 53.6720, 55.1506,

45.3524.

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

53.6720, 55.1506, 45.3524

Protanopia

51.9476, 54.9116, 45.8913

Deuteranopia

56.1938, 55.1448, 45.7125



Tritanopia

57.3780, 55.0300, 64.0976

Trichromacy



Original Color

53.6720, 55.1506, 45.3524

Protanomaly

52.5599, 54.8957, 45.8559

Deuteranomaly

55.1844, 54.9448, 45.7271

Tritanomaly

56.1363, 55.1874, 56.9838

Monochromacy



Original Color

53.6720, 55.1506, 45.3524

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.7352, 55.1319, 54.3165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6720, 55.1506, 45.3524 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(213, 193, 169)` looks like.

```
.text, #text, p{  
    color:rgb(213, 193, 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(213, 193, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 193, 169) }
```

Border

The CSS property to change the border of an element to XYZ 53.6720, 55.1506, 45.3524 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(213, 193, 169) }
```


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

```
.border{ border-color:rgb(213, 193, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 193, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 193, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 193, 169);  
box-shadow:4px 4px 4px 4px rgb(213, 193,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6720, 55.1506, 45.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 193, 169) }
```

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

```
.background{ background-color: rgb(213,  
193, 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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