

Converting Colors

XYZ(52.8459, 55.8154, 48.4333)

Have a look what the booklet for
XYZ(52.8459, 55.8154, 48.4333)
contains.

XYZ(52.6546, 55.5541, 48.5053)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.6546, 55.5541,
48.5053)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC4AF
RGB	205, 196, 175
RGB Percent	80%, 77%, 69%
CMY	0.1961, 0.2314, 0.3137
CMYK	0.00, 0.04, 0.15, 0.20
HSL	42°, 23%, 75%
HSV	42°, 15%, 80%
XYZ	52.6546, 55.5541, 48.5053
YIQ	196.2970, 12.1050, -4.6230

Conversions

Conversions Part 2

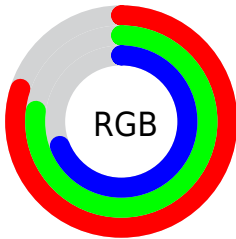
Format	Color
RYB	188, 205, 175
Decimal	13485231
CIELab	79.36, -0.38, 11.67
CIELCh	79, 11.672, 91.886
Yxy	55.5541, 0.3360, 0.3545
Android (android.graphics.Color)	4291675311 (0xFFC4DC4AF)
YUV	196.2970, -10.4994, 7.6325
Hunter-Lab	74.5346, -4.3352, 13.5898

Details

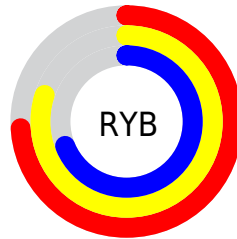
The XYZ color **52.6546, 55.5541, 48.5053** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.8390, 47.8018, 64.5687**, and the grayscale version is **52.7048, 55.4496, 60.3846**.

A 20% lighter version of the original color is **90.7891, 97.2801, 89.5931**, and **26.0107, 27.3554, 22.6481** is the 20% darker color. If you saturate the color by 10%, you get **49.4343, 52.0944, 38.2411**, and if you desaturate by 10%, it is **56.2405, 59.2546, 60.4008**.

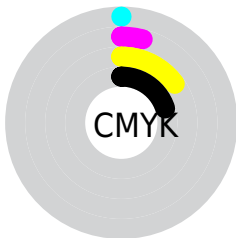
Distribution



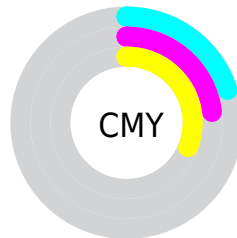
- Red (80%)
- Green (77%)
- Blue (69%)



- Red (74%)
- Yellow (80%)
- Blue (69%)



- Cyan (0%)
- Magenta (4%)
- Yellow (15%)
- Black (20%)



- Cyan (20%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6546, 55.5541, 48.5053 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 52.6546, 55.5541, 48.5053 by changing the saturation by 10% instead.

■ 52.6546, 55.5541,
48.5053

■ 52.6546, 55.5541,
48.5053

387.2411,
408.0089, 397.3579

■ 37.7535, 39.8455,
33.8644

■ 93.2644, 98.3523,
89.3296

■ 25.9678, 27.4181,
22.5129

119.7039,
126.2108, 116.3501

■ 16.9321, 17.8875,
14.0324

150.7201,
158.8880, 148.3343

■ 10.2811, 10.8692,
8.0042

186.6786,
196.7683, 185.7005

■ 5.6494, 5.9790,
4.0098

227.9445,
240.2362, 228.8675

■ 2.6717, 2.8323,
1.6307

274.8834,

■ 0.9826, 1.0448,

289.6759, 278.2536

0.3126

327.8605,
345.4721, 334.2776

■ 0.0000, 0.0000,
0.0000

■ 52.6546, 55.5541,
48.5053

■ 52.6546, 55.5541,
48.5053

■ 49.4343, 52.0944,
38.2411

■ 56.2405, 59.2546,
60.4008

■ 46.5606, 48.8614,
29.5320

■ 60.2009, 63.1951,
73.9919

■ 44.0196, 45.8501,
22.3011

■ 64.5502, 67.3841,
89.3439

■ 41.7945, 43.0528,
16.4635

■ 68.9764, 71.6980,
104.8114

■ 39.8668, 40.4610,
11.9255

■ 70.6254, 74.9959,
105.3610

■ 38.2159, 38.0653,
8.5821

■ 72.3343, 78.4139,
105.9307

■ 36.8180, 35.8549,
6.3114

■ 74.1039, 81.9531,
106.5206

■ 35.6443, 33.8171,
4.9653

■ 75.9348, 85.6147,
107.1308

■ 35.0790, 32.7832,
4.4789

■ 77.8274, 89.4000,
107.7617

Harmonies

Analogous

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



54.9507, 55.5541, 49.8230



52.6546, 55.5541, 48.5053



50.4619, 55.5541, 50.1965

Triad

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



52.6546, 55.5541, 48.5053



49.0744, 55.5541, 67.5523



56.8702, 55.5541, 66.7649

Complementary

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



52.6546, 55.5541, 48.5053



45.8390, 47.8018, 64.5687

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.



55.2144, 55.5541, 72.1002



52.6546, 55.5541, 48.5053



50.7111, 55.5541, 72.5779

Square

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



52.6546, 55.5541, 48.5053



48.4331, 55.5541, 60.9139



52.9507, 55.5541, 74.2998



57.4271, 55.5541, 60.0660

Rectangle

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



52.6546, 55.5541, 48.5053



49.3418, 55.5541, 52.8808



52.9507, 55.5541, 74.2998



56.4213, 55.5541, 68.7940

Sweetspot

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



52.6561, 55.5566, 48.5065



92.4829, 97.4244, 100.1566



49.1592, 47.1005, 51.8485



19.6942, 20.7507, 21.0967



0.0000, 0.0000, 0.0000



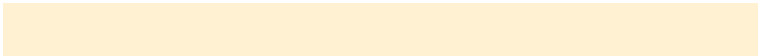
20.3446, 21.4041, 23.3091

Same Dimension

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



52.6561, 55.5566, 48.5065



84.2863, 88.9190, 73.1072



53.1229, 58.9004, 49.1273



11.8588, 12.5066, 11.8684



21.9244, 20.5818, 2.8171



1.1955, 1.1907, 0.1668

Inverse Universe

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



45.8390, 47.8018, 64.5687



70.7241, 73.4925, 105.0656



45.4062, 44.8923, 64.0299



10.8714, 11.3833, 14.1946



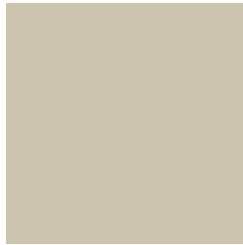
7.9879, 4.9998, 36.5003



0.4790, 0.3918, 1.9053

Previews

White Background



This preview shows how the XYZ color 52.6546, 55.5541, 48.5053 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 52.6546, 55.5541, 48.5053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

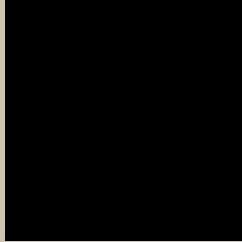
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6546, 55.5541, 48.5053

Background



This preview shows how black text looks on a background with the XYZ color 52.6546, 55.5541, 48.5053.

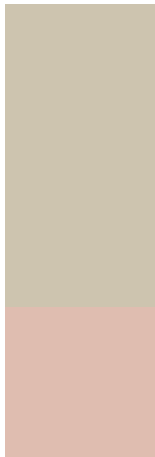


This preview shows how white text looks on a background with the XYZ color 52.6546, 55.5541,

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

52.6546, 55.5541, 48.5053

Protanopia

52.6546, 55.5541, 48.5053

Deuteranopia

56.4655, 55.2178, 48.7563



Tritanopia

56.0659, 55.2731, 66.1063

Trichromacy



Original Color

52.6546, 55.5541, 48.5053

Protanomaly

52.6546, 55.5541, 48.5053

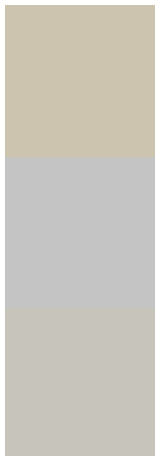
Deuteranomaly

55.0050, 55.4328, 48.8748

Tritanomaly

54.9327, 55.4900, 59.4451

Monochromacy



Original Color

52.6546, 55.5541, 48.5053

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.3702, 55.2528, 55.4816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6546, 55.5541, 48.5053 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(205, 196, 175)` looks like.

```
.text, #text, p{  
    color:rgb(205, 196, 175)  
}
```

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(205, 196, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 196, 175) }
```

Border

The CSS property to change the border of an element to XYZ 52.6546, 55.5541, 48.5053 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(205, 196, 175) }
```


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

```
.border{ border-color:rgb(205, 196, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 196, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 196, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 196, 175);  
box-shadow:4px 4px 4px 4px rgb(205, 196,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6546, 55.5541, 48.5053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 196, 175) }
```

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

```
.background{ background-color: rgb(205,  
196, 175) }
```

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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