

Converting Colors

XYZ(49.2597, 49.2652, 45.4390)

Have a look what the booklet for
XYZ(49.2597, 49.2652, 45.4390)
contains.

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Color

**XYZ(49.2555, 49.3753,
45.4624)**

Conversions

Conversions Part 1

Format	Color
Hex	CDB6AB
RGB	205, 182, 171
RGB Percent	80%, 71%, 67%
CMY	0.1961, 0.2863, 0.3294
CMYK	0.00, 0.11, 0.17, 0.20
HSL	19°, 25%, 74%
HSV	19°, 17%, 80%
XYZ	49.2555, 49.3753, 45.4624
YIQ	187.6230, 17.2390, 1.4550

Conversions

Conversions Part 2

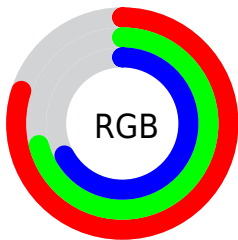
Format	Color
R _Y B	205, 187, 171
Decimal	13481643
CIE Lab	75.68, 6.42, 8.59
CIE LCh	76, 10.728, 53.220
Yxy	49.3753, 0.3418, 0.3427
Android (android.graphics.Color)	4291671723 (0xFFCDB6AB)
YUV	187.6230, -8.1951, 15.2396
Hunter-Lab	70.2676, 2.1550, 10.8273

Details

The XYZ color **49.2555, 49.3753, 45.4624** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.1056, 51.6482, 65.2445**, and the grayscale version is **47.6254, 50.1056, 54.5650**.

A 20% lighter version of the original color is **85.5420, 87.9001, 84.4094**, and **23.7577, 23.5165, 20.7397** is the 20% darker color. If you saturate the color by 10%, you get **44.7510, 43.2543, 35.0565**, and if you desaturate by 10%, it is **54.3470, 56.1844, 57.5603**.

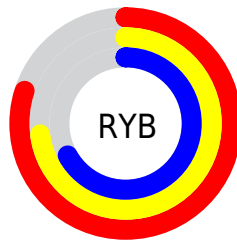
Distribution



Red (80%)

Green (71%)

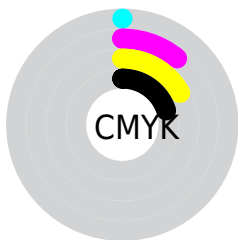
Blue (67%)



Red (80%)

Yellow (73%)

Blue (67%)

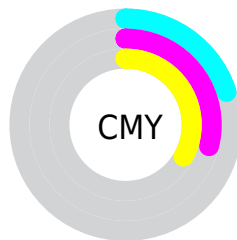


Cyan (0%)

Magenta (11%)

Yellow (17%)

Black (20%)



Cyan (20%)


Magenta (29%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.2555, 49.3753, 45.4624 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 49.2555, 49.3753, 45.4624 by changing the saturation by 10% instead.


 49.2555, 49.3753,
45.4624

 49.2555, 49.3753,
45.4624

374.2476,
384.2179, 384.8577

 35.0376, 34.9173,
31.4762


 88.2693, 89.2486,
84.7396

 23.8585, 23.5992,
20.7002

113.7958,
115.4327, 110.8678

 15.3528, 15.0365,
12.7160


143.8226,
146.2942, 141.8803

 9.1553, 8.8450,
7.1048

178.7149,
182.2176, 178.1957

 4.9005, 4.6402,
3.4483

218.8383,
223.5873, 220.2327

 2.2232, 2.0378,
1.3278

264.5579,

 0.7549, 0.6293,

270.7877, 268.4096

0.0844

316.2393,
324.2031, 323.1451

■ 0.0000, 0.0000,
0.0000

■ 49.2555, 49.3753,
45.4624

■ 49.2555, 49.3753,
45.4624

■ 44.7510, 43.2543,
35.0565

■ 54.3470, 56.1844,
57.5603

■ 40.8073, 37.7928,
26.2635

■ 60.0423, 63.6956,
71.4183

■ 37.4024, 32.9700,
19.0024

■ 66.3625, 71.9312,
87.1044

■ 34.5108, 28.7616,
13.1840

■ 73.3264, 80.9101,
104.6824

■ 32.1051, 25.1413,
8.7100

■ 77.8281, 89.4013,
107.7619

■ 30.1547, 22.0808,
5.4691

■ 78.9871, 91.7193,
108.1483

■ 28.6251, 19.5494,
3.3322

■ 27.4739, 17.5115,
2.1330

■ 27.1456, 16.9163,
1.8344

Harmonies

Analogous

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



50.5304, 49.3753, 49.5603



49.2555, 49.3753, 45.4624



47.3824, 49.3753, 43.6082

Triad

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



49.2555, 49.3753, 45.4624



43.2359, 49.3753, 52.4794



48.4527, 49.3753, 64.4608

Complementary

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



49.2555, 49.3753, 45.4624



47.1056, 51.6482, 65.2445

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.



46.4800, 49.3753, 65.3794



49.2555, 49.3753, 45.4624



43.5043, 49.3753, 58.1932

Square

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



49.2555, 49.3753, 45.4624



43.9347, 49.3753, 47.4703



44.6784, 49.3753, 63.0133



50.0579, 49.3753, 60.5849

Rectangle

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



49.2555, 49.3753, 45.4624



46.0611, 49.3753, 43.7942



44.6784, 49.3753, 63.0133



47.8092, 49.3753, 65.1364

Sweetspot

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



49.2568, 49.3775, 45.4634



90.3750, 93.8266, 97.5485



49.5042, 46.0112, 57.4489



19.2077, 19.9022, 20.5508



0.0000, 0.0000, 0.0000



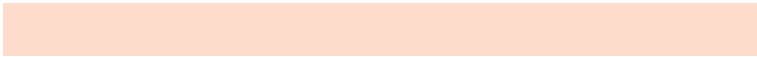
20.3446, 21.4041, 23.3091

Same Dimension

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



49.2568, 49.3775, 45.4634



77.8652, 77.0719, 67.8992



52.8979, 56.6596, 46.6771



11.5038, 11.7966, 11.7501



16.9762, 10.6853, 1.1677



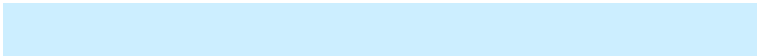
0.9447, 0.6891, 0.0832

Inverse Universe

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



47.1056, 51.6482, 65.2445



73.6705, 81.4947, 106.4549



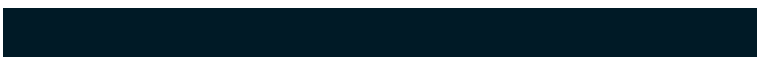
43.5829, 44.6029, 64.0703



11.2253, 12.0911, 14.3125



12.6659, 14.3559, 38.0597



0.7204, 0.8746, 1.9858

Previews

White Background



This preview shows how the XYZ color 49.2555, 49.3753, 45.4624 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 49.2555, 49.3753, 45.4624 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 49.2555, 49.3753, 45.4624

Background



This preview shows how black text looks on a background with the XYZ color 49.2555, 49.3753, 45.4624.



This preview shows how white text looks on a background with the XYZ color 49.2555, 49.3753,

45.4624.

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

49.2555, 49.3753, 45.4624

Protanopia

47.0941, 49.4724, 46.6022

Deuteranopia

50.2503, 49.2844, 45.3924



Tritanopia

51.7582, 49.5004, 57.2787

Trichromacy



Original Color

49.2555, 49.3753, 45.4624

Protanomaly

47.8213, 49.5468, 46.0728

Deuteranomaly

49.8870, 49.3979, 45.4335

Tritanomaly

50.8103, 49.4107, 52.7582

Monochromacy



Original Color

49.2555, 49.3753, 45.4624

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.2505, 49.9645, 51.3570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2555, 49.3753, 45.4624 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, 182, 171)` looks like.

```
.text, #text, p{  
    color:rgb(205, 182, 171)  
}
```

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, 182, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 182, 171) }
```

Border

The CSS property to change the border of an element to XYZ 49.2555, 49.3753, 45.4624 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, 182, 171) }
```


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

```
.border{ border-color:rgb(205, 182, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 182, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 182, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 182, 171);  
box-shadow:4px 4px 4px 4px rgb(205, 182,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2555, 49.3753, 45.4624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 182, 171) }
```

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

```
.background{ background-color: rgb(205,  
182, 171) }
```

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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