

Converting Colors

XYZ(43.6673, 47.6144, 25.8586)

Have a look what the booklet for
XYZ(43.6673, 47.6144, 25.8586)
contains.

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Color

**XYZ(43.5435, 47.4720,
25.9368)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B87C
RGB	196, 184, 124
RGB Percent	77%, 72%, 49%
CMY	0.2314, 0.2784, 0.5137
CMYK	0.00, 0.06, 0.37, 0.23
HSL	50°, 38%, 63%
HSV	50°, 37%, 77%
XYZ	43.5435, 47.4720, 25.9368
YIQ	180.7480, 26.4120, -16.1160

Conversions

Conversions Part 2

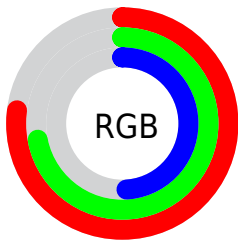
Format	Color
R_{YB}	138, 196, 124
Decimal	12892284
CIE _{Lab}	74.49, -4.60, 32.04
CIE _{LCh}	74, 32.368, 98.168
Yxy	47.4720, 0.3723, 0.4059
Android (android.graphics.Color)	4291082364 (0xFFC4B87C)
YUV	180.7480, -27.9768, 13.3760
Hunter-Lab	68.8999, -7.7661, 25.9107

Details

The XYZ color **43.5435, 47.4720, 25.9368** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.0799, 25.8781, 55.7921**, and the grayscale version is **43.9222, 46.2095, 50.3222**.

A 20% lighter version of the original color is **79.9690, 86.5653, 54.0889**, and **20.3368, 22.3897, 9.7283** is the 20% darker color. If you saturate the color by 10%, you get **41.7551, 45.6855, 19.8214**, and if you desaturate by 10%, it is **45.5963, 49.3927, 33.3569**.

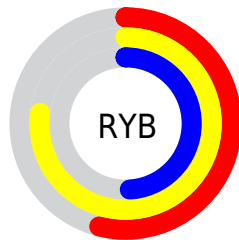
Distribution



Red (77%)

Green (72%)

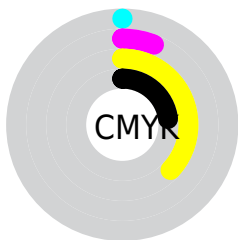
Blue (49%)



Red (54%)

Yellow (77%)

Blue (49%)

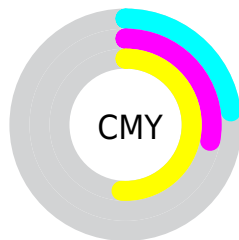


Cyan (0%)

Magenta (6%)

Yellow (37%)

Black (23%)



Cyan (23%)


Magenta (28%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5435, 47.4720, 25.9368 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 43.5435, 47.4720, 25.9368 by changing the saturation by 10% instead.


 43.5435, 47.4720,
25.9368


 43.5435, 47.4720,
25.9368


351.7259,
376.6954, 296.0673


 30.5082, 33.4089,
16.5510


 79.7810, 86.4177,
54.1558

 20.3746, 22.4399,
9.7563


 103.7138,
112.0692, 73.8261

 12.7775, 14.1805,
5.1342


 132.0099,
142.3523, 97.7617

 7.3514, 8.2463,
2.2661

165.0346,
177.6514, 126.3810

 3.7311, 4.2530,
0.7121

203.1531,
218.3508, 160.1027

 1.5512, 1.8160,
0.0000

246.7310,

 0.3603, 0.4971,

264.8350, 199.3453

0.0000

296.1334,
317.4884, 244.5273

■ 0.0000, 0.0000,
0.0000

■ 43.5435, 47.4720,
25.9368

■ 43.5435, 47.4720,
25.9368

■ 41.7551, 45.6855,
19.8214

■ 45.5963, 49.3927,
33.3569

■ 40.2128, 44.0206,
14.9305

■ 47.9236, 51.4468,
42.1496

■ 38.9014, 42.4728,
11.1795

■ 50.5391, 53.6415,
52.3818

■ 37.8026, 41.0346,
8.4719

■ 53.4545, 55.9817,
64.1151

■ 36.8948, 39.6971,
6.6951

■ 56.6811, 58.4721,
77.4073

■ 36.1496, 38.4490,
5.6999

■ 60.2293, 61.1170,
92.3135

■ 35.9238, 38.0535,
5.4517

■ 63.0944, 63.5146,
103.5419

■ 63.8930, 65.1119,
103.8081

■ 64.7081, 66.7421,
104.0798

Harmonies

Analogous

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



49.4283, 47.4720, 27.2079



43.5435, 47.4720, 25.9368



38.5290, 47.4720, 30.2977

Triad

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



43.5435, 47.4720, 25.9368



36.8530, 47.4720, 74.2268



56.3718, 47.4720, 64.5992

Complementary

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



43.5435, 47.4720, 25.9368



27.0799, 25.8781, 55.7921

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.



52.4244, 47.4720, 81.3307



43.5435, 47.4720, 25.9368



41.0710, 47.4720, 87.6720

Square

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



43.5435, 47.4720, 25.9368



34.8901, 47.4720, 56.3957



46.7356, 47.4720, 90.5197



57.1780, 47.4720, 47.2516

Rectangle

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



43.5435, 47.4720, 25.9368



36.2343, 47.4720, 36.5104



46.7356, 47.4720, 90.5197



55.3528, 47.4720, 70.5807

Sweetspot

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



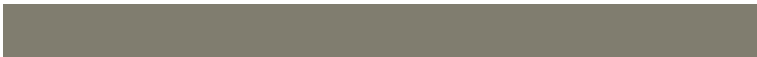
43.5447, 47.4742, 25.9378



89.3855, 95.3779, 86.3355



34.4168, 27.9291, 26.8700



18.9927, 20.2977, 17.9341



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.



43.5447, 47.4742, 25.9378



76.2670, 83.4055, 37.9864



40.3915, 49.7058, 26.5347



10.7660, 11.4634, 10.7071



23.1369, 24.5595, 3.5210



1.0385, 1.1388, 0.1651

Inverse Universe

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



27.0799, 25.8781, 55.7921



42.1741, 38.7039, 99.8555



29.3846, 24.6973, 55.4428



9.6609, 10.0131, 12.7084



6.7887, 3.3339, 33.8423



0.3366, 0.2305, 1.4766

Previews

White Background



This preview shows how the XYZ color 43.5435, 47.4720, 25.9368 looks on a white background.

Color Contrast Check

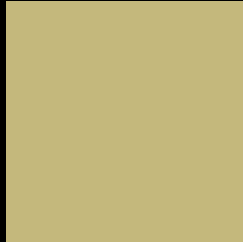
Large Text (above 18pt) WCAG AA × Fail

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 43.5435, 47.4720, 25.9368 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 43.5435, 47.4720, 25.9368

Background



This preview shows how black text looks on a background with the XYZ color 43.5435, 47.4720, 25.9368.



This preview shows how white text looks on a background with the XYZ color 43.5435, 47.4720,

25.9368.

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

43.5435, 47.4720, 25.9368

Protanopia

44.1248, 47.4643, 25.9047

Deuteranopia

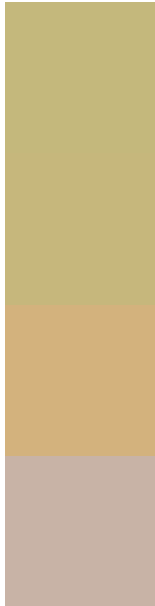
48.3093, 47.2264, 26.3081



Tritanopia

49.4482, 47.4649, 55.2706

Trichromacy



Original Color

43.5435, 47.4720, 25.9368

Protanomaly

43.8603, 47.3280, 25.8923

Deuteranomaly

46.4860, 47.1703, 26.0567

Tritanomaly

46.8225, 47.2727, 42.7331

Monochromacy



Original Color

43.5435, 47.4720, 25.9368

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.3228, 46.4331, 39.9368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5435, 47.4720, 25.9368 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(196, 184, 124)` looks like.

```
.text, #text, p{  
    color:rgb(196, 184, 124)  
}
```

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(196, 184, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 184, 124) }
```

Border

The CSS property to change the border of an element to XYZ 43.5435, 47.4720, 25.9368 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(196, 184, 124) }
```


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

```
.border{ border-color:rgb(196, 184, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 184, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 184, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 184, 124);  
box-shadow:4px 4px 4px 4px rgb(196, 184,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5435, 47.4720, 25.9368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 184, 124) }
```

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

```
.background{ background-color: rgb(196,  
184, 124) }
```

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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