

Converting Colors

XYZ(42.0653, 44.9002, 25.5189)

Have a look what the booklet for
XYZ(42.0653, 44.9002, 25.5189)
contains.

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Color

**XYZ(42.0642, 44.8981,
25.5180)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B27C
RGB	195, 178, 124
RGB Percent	76%, 70%, 49%
CMY	0.2353, 0.3019, 0.5137
CMYK	0.00, 0.09, 0.36, 0.24
HSL	46°, 37%, 63%
HSV	46°, 36%, 76%
XYZ	42.0642, 44.8981, 25.5180
YIQ	176.9270, 27.4660, -13.1900

Conversions

Conversions Part 2

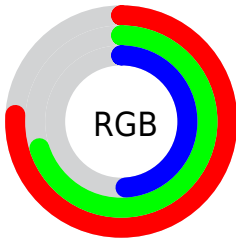
Format	Color
R_{YB}	146, 195, 124
Decimal	12825212
CIE _{Lab}	72.82, -1.83, 29.84
CIE _{LCh}	73, 29.894, 93.516
Yxy	44.8981, 0.3740, 0.3992
Android (android.graphics.Color)	4291015292 (0xFFC3B27C)
YUV	176.9270, -26.0930, 15.8500
Hunter-Lab	67.0060, -5.2041, 24.3247

Details

The XYZ color **42.0642, 44.8981, 25.5180** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.6873, 27.2743, 55.4351**, and the grayscale version is **41.8751, 44.0559, 47.9769**.

A 20% lighter version of the original color is **77.5035, 82.7154, 53.4758**, and **19.5121, 20.9916, 9.5019** is the 20% darker color. If you saturate the color by 10%, you get **40.0383, 42.6284, 19.3486**, and if you desaturate by 10%, it is **44.3679, 47.3327, 32.9841**.

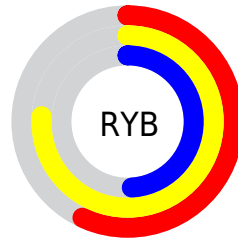
Distribution



Red (76%)

Green (70%)

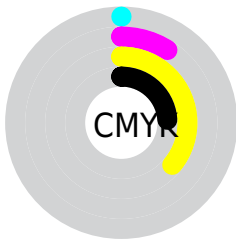
Blue (49%)



Red (57%)

Yellow (76%)

Blue (49%)

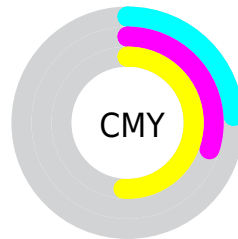


Cyan (0%)

Magenta (9%)

Yellow (36%)

Black (24%)



Cyan (24%)

Magenta (30%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0642, 44.8981, 25.5180 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 42.0642, 44.8981, 25.5180 by changing the saturation by 10% instead.

■ 42.0642, 44.8981,
25.5180

■ 42.0642, 44.8981,
25.5180

345.7361,
366.3607, 293.9377

■ 29.3429, 31.3772,
16.2409

■ 77.5613, 82.5675,
53.4708

■ 19.4860, 20.8862,
9.5386

■ 101.0679,
107.4847, 72.9836

■ 12.1280, 13.0409,
4.9925

■ 128.9002,
136.9695, 96.7454

■ 6.9037, 7.4567,
2.1842

161.4237,
171.4063, 125.1747

■ 3.4478, 3.7493,
0.6652

199.0036,
211.1794, 158.6900

■ 1.3947, 1.5343,
0.0000

242.0055,

■ 0.2525, 0.3127,

256.6732, 197.7099

0.0000

290.7945,
308.2722, 242.6530

■ 0.0000, 0.0000,
0.0000

■ 42.0642, 44.8981,
25.5180

■ 42.0642, 44.8981,
25.5180

■ 40.0383, 42.6284,
19.3486

■ 44.3679, 47.3327,
32.9841

■ 38.2720, 40.5110,
14.3970

■ 46.9595, 49.9319,
41.8140

■ 36.7502, 38.5410,
10.5798

■ 49.8527, 52.7033,
52.0737

■ 35.4545, 36.7105,
7.8021

■ 53.0595, 55.6522,
63.8238

■ 34.3636, 35.0105,
5.9535

■ 56.5909, 58.7833,
77.1215

■ 33.4501, 33.4295,
4.8906

■ 60.4574, 62.1015,
92.0210

■ 33.1462, 32.8830,
4.6001

■ 63.7706, 65.2518,
103.8415

■ 64.9448, 67.6003,
104.2329

■ 66.1530, 70.0167,
104.6357

Harmonies

Analogous

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



47.2890, 44.8981, 27.4789



42.0642, 44.8981, 25.5180



37.3893, 44.8981, 28.6921

Triad

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



42.0642, 44.8981, 25.5180



34.8710, 44.8981, 66.4588



52.2612, 44.8981, 62.7965

Complementary

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



42.0642, 44.8981, 25.5180



27.6873, 27.2743, 55.4351

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.



48.4352, 44.8981, 76.8495



42.0642, 44.8981, 25.5180



38.3700, 44.8981, 79.2476

Square

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



42.0642, 44.8981, 25.5180



33.4544, 44.8981, 50.6632



43.2903, 44.8981, 83.3891



53.4493, 44.8981, 47.1517

Rectangle

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



42.0642, 44.8981, 25.5180



35.1313, 44.8981, 33.7636



43.2903, 44.8981, 83.3891



51.2264, 44.8981, 67.9606

Sweetspot

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



42.0653, 44.9002, 25.5189



86.7509, 91.9899, 84.1894



34.5775, 27.9635, 29.0685



18.8413, 19.9949, 17.8836



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.



42.0653, 44.9002, 25.5189



72.3019, 77.0306, 36.4023



41.3420, 49.8622, 26.5148



10.7025, 11.3365, 10.6860



21.6109, 21.5075, 3.0124



0.9842, 1.0303, 0.1470

Inverse Universe

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



27.6873, 27.2743, 55.4351



42.6855, 40.7433, 98.0843



28.1710, 24.0847, 54.7940



9.7197, 10.1308, 12.7280



7.1100, 3.9764, 33.9494



0.3628, 0.2829, 1.4854

Previews

White Background



This preview shows how the XYZ color 42.0642, 44.8981, 25.5180 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 42.0642, 44.8981, 25.5180 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 42.0642, 44.8981, 25.5180

Background



This preview shows how black text looks on a background with the XYZ color 42.0642, 44.8981, 25.5180.



This preview shows how white text looks on a background with the XYZ color 42.0642, 44.8981,

25.5180.

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

42.0642, 44.8981, 25.5180

Protanopia

41.7505, 45.0329, 25.5605

Deuteranopia

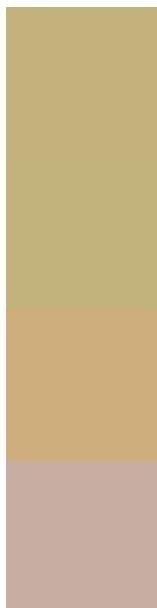
45.7052, 44.7526, 25.6312



Tritanopia

47.3836, 44.7667, 51.4909

Trichromacy



Original Color

42.0642, 44.8981, 25.5180

Protanomaly

42.0063, 45.1648, 25.5725

Deuteranomaly

44.2913, 44.8746, 25.7293

Tritanomaly

45.0183, 44.6379, 40.4257

Monochromacy



Original Color

42.0642, 44.8981, 25.5180

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.6609, 44.1033, 38.6648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0642, 44.8981, 25.5180 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(195, 178, 124)` looks like.

```
.text, #text, p{  
    color:rgb(195, 178, 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(195, 178, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 178, 124) }
```

Border

The CSS property to change the border of an element to XYZ 42.0642, 44.8981, 25.5180 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(195, 178, 124) }
```


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

```
.border{ border-color:rgb(195, 178, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 178, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 178, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 178, 124);  
box-shadow:4px 4px 4px 4px rgb(195, 178,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0642, 44.8981, 25.5180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 178, 124) }
```

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

```
.background{ background-color: rgb(195,  
178, 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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