

Converting Colors

XYZ(42.7214, 44.0578, 25.9910)

Have a look what the booklet for
XYZ(42.7214, 44.0578, 25.9910)
contains.

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Color

**XYZ(42.7214, 44.0578,
25.9910)**

Conversions

Conversions Part 1

Format	Color
Hex	C8AE7E
RGB	200, 174, 126
RGB Percent	78%, 68%, 49%
CMY	0.2157, 0.3176, 0.5059
CMYK	0.00, 0.13, 0.37, 0.22
HSL	39°, 40%, 64%
HSV	39°, 37%, 78%
XYZ	42.7214, 44.0578, 25.9910
YIQ	176.3020, 30.9040, -9.4160

Conversions

Conversions Part 2

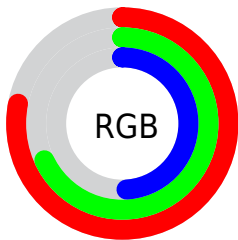
Format	Color
RYB	166, 200, 126
Decimal	13151870
CIELab	72.27, 2.54, 28.12
CIELCh	72, 28.234, 84.830
Yxy	44.0578, 0.3788, 0.3907
Android (android.graphics.Color)	4291341950 (0xFFC8AE7E)
YUV	176.3020, -24.7989, 20.7831
Hunter-Lab	66.3760, -1.2707, 23.2469

Details

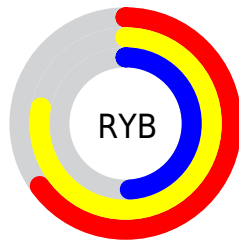
The XYZ color **42.7214, 44.0578, 25.9910** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.2575, 31.0613, 59.0444**, and the grayscale version is **41.5395, 43.7028, 47.5924**.

A 20% lighter version of the original color is **77.3960, 80.5533, 54.1170**, and **19.9411, 20.4606, 9.7358** is the 20% darker color. If you saturate the color by 10%, you get **40.2360, 40.9498, 19.4196**, and if you desaturate by 10%, it is **45.5381, 47.4151, 33.9467**.

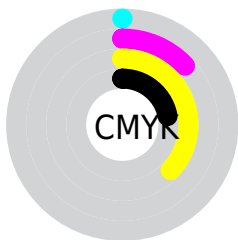
Distribution



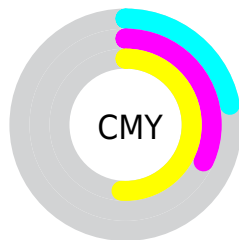
- Red (78%)
- Green (68%)
- Blue (49%)



- Red (65%)
- Yellow (78%)
- Blue (49%)



- Cyan (0%)
- Magenta (13%)
- Yellow (37%)
- Black (22%)



- Cyan (22%)
- Magenta (32%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7214, 44.0578, 25.9910 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 42.7214, 44.0578, 25.9910 by changing the saturation by 10% instead.

■ 42.7214, 44.0578,
25.9910

■ 42.7214, 44.0578,
25.9910

348.4057,
362.9441, 296.3420

■ 29.8602, 30.7160,
16.5912

■ 78.5486, 81.3047,
54.2443

■ 19.8800, 20.3827,
9.7846

■ 102.2453,
105.9786, 73.9349

■ 12.4156, 12.6735,
5.1526

■ 130.2845,
135.1985, 97.8929

■ 7.1016, 7.2041,
2.2768

163.0316,
169.3490, 126.5368

■ 3.5726, 3.5901,
0.7182

200.8519,
208.8144, 160.2851

■ 1.4633, 1.4470,
0.0000

244.1108,

■ 0.3007, 0.2510,

253.9792, 199.5563

0.0000

293.1736,
305.2276, 244.7691

■ 0.0000, 0.0000,
0.0000

■ 42.7214, 44.0578,
25.9910

■ 42.7214, 44.0578,
25.9910

■ 40.2360, 40.9498,
19.4196

■ 45.5381, 47.4151,
33.9467

■ 38.0620, 38.0767,
14.1479

■ 48.6979, 51.0233,
43.3590

■ 36.1823, 35.4315,
10.0864

■ 52.2162, 54.8919,
54.2984

■ 34.5764, 33.0041,
7.1330

■ 56.1063, 59.0277,
66.8300

■ 33.2206, 30.7832,
5.1682

■ 60.3807, 63.4374,
81.0150

■ 32.0833, 28.7544,
4.0315

■ 65.0513, 68.1272,
96.9115

■ 31.7678, 28.1760,
3.7642

■ 68.3069, 72.3743,
104.9772

■ 70.2253, 76.2111,
105.6167

■ 72.2226, 80.2056,
106.2824

Harmonies

Analogous

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



47.4784, 44.0578, 29.2886



42.7214, 44.0578, 25.9910



38.0815, 44.0578, 27.5908

Triad

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



42.7214, 44.0578, 25.9910



33.9717, 44.0578, 60.0794



49.9681, 44.0578, 65.0528

Complementary

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



42.7214, 44.0578, 25.9910



30.2575, 31.0613, 59.0444

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.



45.9137, 44.0578, 76.5121



42.7214, 44.0578, 25.9910



36.7319, 44.0578, 73.2742

Square

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



42.7214, 44.0578, 25.9910



33.2601, 44.0578, 45.6053



41.0411, 44.0578, 79.7784



51.8636, 44.0578, 50.4180

Rectangle

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



42.7214, 44.0578, 25.9910



35.6409, 44.0578, 31.4180



41.0411, 44.0578, 79.7784



48.7980, 44.0578, 69.5078

Sweetspot

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



42.7225, 44.0598, 25.9919



87.7949, 92.1966, 85.8053



37.0414, 29.5059, 33.9382



18.6121, 19.5365, 17.8072



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.



42.7225, 44.0598, 25.9919



70.6324, 72.1364, 36.1082



45.6890, 53.7795, 27.7116



11.1982, 11.7656, 11.2435



20.2858, 18.0887, 2.4223



1.0267, 0.9888, 0.1367

Inverse Universe

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



30.2575, 31.0613, 59.0444



46.1151, 46.5859, 101.1692



28.0184, 24.3155, 57.8604



10.3564, 10.8869, 13.4730



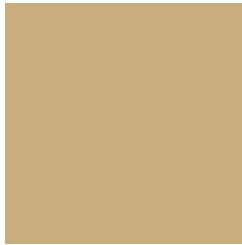
8.1083, 5.6106, 35.4000



0.4520, 0.4018, 1.6989

Previews

White Background



This preview shows how the XYZ color 42.7214, 44.0578, 25.9910 looks on a white background.

Color Contrast Check

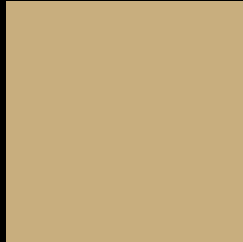
Large Text (above 18pt) WCAG AA × Fail

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 42.7214, 44.0578, 25.9910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

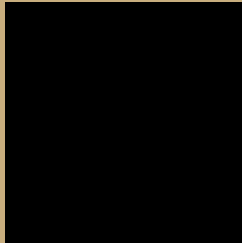
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7214, 44.0578, 25.9910

Background



This preview shows how black text looks on a background with the XYZ color 42.7214, 44.0578, 25.9910.



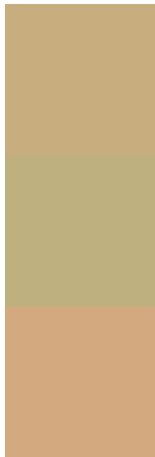
This preview shows how white text looks on a background with the XYZ color 42.7214, 44.0578,

25.9910.

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

42.7214, 44.0578, 25.9910

Protanopia

41.0388, 44.0530, 26.4188

Deuteranopia

45.0695, 44.1306, 26.2213



Tritanopia

47.5105, 44.0545, 49.1793

Trichromacy



Original Color

42.7214, 44.0578, 25.9910

Protanomaly

41.6042, 44.0523, 26.3888

Deuteranomaly

44.1258, 43.9235, 26.2311

Tritanomaly

45.6217, 44.1249, 39.3701

Monochromacy



Original Color

42.7214, 44.0578, 25.9910

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.5091, 43.4429, 38.5453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7214, 44.0578, 25.9910 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(200, 174, 126)` looks like.

```
.text, #text, p{  
    color:rgb(200, 174, 126)  
}
```

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(200, 174, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 174, 126) }
```

Border

The CSS property to change the border of an element to XYZ 42.7214, 44.0578, 25.9910 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(200, 174, 126) }
```


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

```
.border{ border-color:rgb(200, 174, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 174, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 174, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 174, 126);  
box-shadow:4px 4px 4px 4px rgb(200, 174,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7214, 44.0578, 25.9910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 174, 126) }
```

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

```
.background{ background-color: rgb(200,  
174, 126) }
```

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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