

Converting Colors

XYZ(25.1107, 25.5423, 10.0137)

Have a look what the booklet for
XYZ(25.1107, 25.5423, 10.0137)
contains.

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Color

**XYZ(25.0710, 25.4371,
10.0670)**

Conversions

Conversions Part 1

Format	Color
Hex	A4864A
RGB	164, 134, 74
RGB Percent	64%, 53%, 29%
CMY	0.3569, 0.4745, 0.7098
CMYK	0.00, 0.18, 0.55, 0.36
HSL	40°, 38%, 47%
HSV	40°, 55%, 64%
XYZ	25.0710, 25.4371, 10.0670
YIQ	136.1300, 37.1400, -12.3000

Conversions

Conversions Part 2

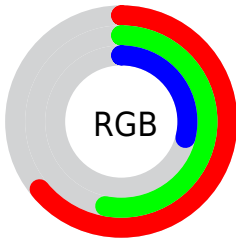
Format	Color
RYB	119, 164, 74
Decimal	10782282
CIELab	57.50, 3.86, 36.29
CIELCh	57, 36.490, 83.933
Yxy	25.4371, 0.4139, 0.4199
Android (android.graphics.Color)	4288972362 (0xFFA4864A)
YUV	136.1300, -30.6301, 24.4420
Hunter-Lab	50.4352, 0.4695, 23.4702

Details

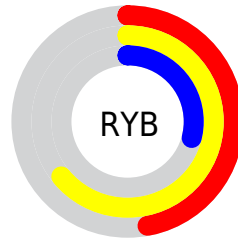
The XYZ color **25.0710, 25.4371, 10.0670** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **14.4750, 14.0363, 37.0683**, and the grayscale version is **23.5525, 24.7790, 26.9844**.

A 20% lighter version of the original color is **51.2272, 52.3680, 26.4769**, and **9.8767, 9.8911, 2.4255** is the 20% darker color. If you saturate the color by 10%, you get **23.8530, 23.7731, 7.2815**, and if you desaturate by 10%, it is **26.4733, 27.2393, 13.6251**.

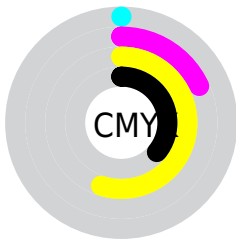
Distribution



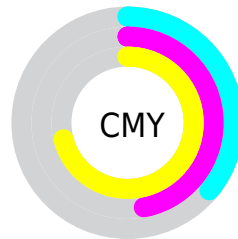
- Red (64%)
- Green (53%)
- Blue (29%)



- Red (47%)
- Yellow (64%)
- Blue (29%)



- Cyan (0%)
- Magenta (18%)
- Yellow (55%)
- Black (36%)



- Cyan (36%)
- Magenta (47%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0710, 25.4371, 10.0670 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 25.0710, 25.4371, 10.0670 by changing the saturation by 10% instead.

■ 25.0710, 25.4371,
10.0670

■ 25.0710, 25.4371,
10.0670

270.5325,
280.0078, 201.6518

■ 16.2590, 16.4030,
5.3372

■ 51.2144, 52.3654,
26.5312

■ 9.7996, 9.8098,
2.3843

■ 69.2766, 71.0285,
39.1028

■ 5.3275, 5.2730,
0.7779

■ 91.1528, 93.6700,
55.1253

■ 2.4774, 2.4083,
0.0000

■ 117.2084,
120.6743, 75.0173

■ 0.8839, 0.8302,
0.0000

■ 147.8089,
152.4258, 99.1975

■ 0.0000, 0.0000,
0.0000

183.3194,

189.3090, 128.0842

224.1055,
231.7082, 162.0961

■ 25.0710, 25.4371,
10.0670

■ 25.0710, 25.4371,
10.0670

■ 23.8530, 23.7731,
7.2815

■ 26.4733, 27.2393,
13.6251

■ 22.8055, 22.2379,
5.2067

■ 28.0689, 29.1812,
18.0084

■ 21.9153, 20.8262,
3.7733

■ 29.8683, 31.2689,
23.2664

■ 21.1655, 19.5303,
2.8954

■ 31.8805, 33.5069,
29.4444

■ 20.8148, 18.9025,
2.5515

■ 34.1141, 35.8996,
36.5845

■ 36.5770, 38.4508,
44.7262

■ 39.2768, 41.1645,
53.9067

■ 42.2208, 44.0443,
64.1614

■ 45.4157, 47.0939,
75.5239

Harmonies

Analogous

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



29.4367, 25.4371, 12.5089



25.0710, 25.4371, 10.0670



20.9440, 25.4371, 11.0786

Triad

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



25.0710, 25.4371, 10.0670



17.3169, 25.4371, 38.5806



31.5785, 25.4371, 44.3057

Complementary

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



25.0710, 25.4371, 10.0670



14.4750, 14.0363, 37.0683

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.



27.7271, 25.4371, 55.8265



25.0710, 25.4371, 10.0670



19.5847, 25.4371, 51.8877

Square

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



25.0710, 25.4371, 10.0670



16.7849, 25.4371, 25.2440



23.3049, 25.4371, 58.9516



33.4725, 25.4371, 30.3033

Rectangle

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



25.0710, 25.4371, 10.0670



18.8317, 25.4371, 13.7923



23.3049, 25.4371, 58.9516



30.4491, 25.4371, 48.7472

Sweetspot

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



25.0716, 25.4383, 10.0675



57.3243, 60.2254, 51.7449



20.2575, 13.7898, 14.6910



12.3733, 12.9915, 10.8190



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.0716, 25.4383, 10.0675



42.8206, 42.4725, 12.2146



26.9060, 33.4349, 11.5143



7.4496, 7.8376, 7.5003



16.0048, 14.5836, 1.9714



0.3769, 0.3877, 0.0550

Inverse Universe

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



14.4750, 14.0363, 37.0683



21.6078, 19.6950, 66.4150



13.2697, 9.7020, 36.2952



6.8844, 7.2278, 8.9353



6.2131, 4.2056, 27.4141



0.1725, 0.1723, 0.5900

Previews

White Background



This preview shows how the XYZ color 25.0710, 25.4371, 10.0670 looks on a white background.

Color Contrast Check

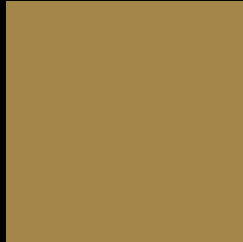
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0710, 25.4371, 10.0670 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 × Fail

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

XYZ 25.0710, 25.4371, 10.0670

Background



This preview shows how black text looks on a background with the XYZ color 25.0710, 25.4371, 10.0670.



This preview shows how white text looks on a background with the XYZ color 25.0710, 25.4371,

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

25.0710, 25.4371, 10.0670

Protanopia

23.3419, 25.3742, 10.5049

Deuteranopia

25.8834, 25.4455, 10.2039



Tritanopia

28.4669, 25.4199, 27.0731

Trichromacy



Original Color

25.0710, 25.4371, 10.0670

Protanomaly

23.9260, 25.4672, 10.3112

Deuteranomaly

25.5939, 25.4985, 10.2294

Tritanomaly

26.9562, 25.3957, 19.4007

Monochromacy



Original Color

25.0710, 25.4371, 10.0670

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.4987, 24.6312, 19.1386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0710, 25.4371, 10.0670 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(164, 134, 74)` looks like.

```
.text, #text, p{  
    color:rgb(164, 134, 74)  
}
```

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(164, 134, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 134, 74) }
```

Border

The CSS property to change the border of an element to XYZ 25.0710, 25.4371, 10.0670 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(164, 134, 74) }
```


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

```
.border{ border-color:rgb(164, 134, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 134, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 134, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 134, 74);  
box-shadow:4px 4px 4px 4px rgb(164, 134,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0710, 25.4371, 10.0670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 134, 74) }
```

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

```
.background{ background-color: rgb(164,  
134, 74) }
```

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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