

Converting Colors

XYZ(25.5289, 24.2486, 10.5430)

Have a look what the booklet for
XYZ(25.5289, 24.2486, 10.5430)
contains.

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Color

**XYZ(25.5421, 24.2748,
10.5470)**

Conversions

Conversions Part 1

Format	Color
Hex	AA7F4E
RGB	170, 127, 78
RGB Percent	67%, 50%, 31%
CMY	0.3333, 0.5019, 0.6941
CMYK	0.00, 0.25, 0.54, 0.33
HSL	32°, 37%, 49%
HSV	32°, 54%, 67%
XYZ	25.5421, 24.2748, 10.5470
YIQ	134.2710, 41.3570, -6.1230

Conversions

Conversions Part 2

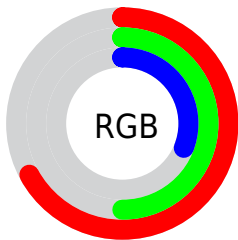
Format	Color
RYB	159, 170, 78
Decimal	11173710
CIELab	56.36, 10.75, 32.91
CIELCh	56, 34.623, 71.905
Yxy	24.2748, 0.4231, 0.4021
Android (android.graphics.Color)	4289363790 (0xFFAA7F4E)
YUV	134.2710, -27.7416, 31.3343
Hunter-Lab	49.2695, 6.3158, 21.7966

Details

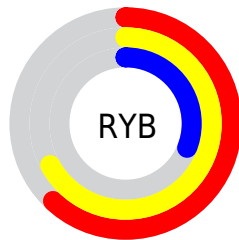
The XYZ color **25.5421, 24.2748, 10.5470** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **17.2347, 18.1961, 40.6340**, and the grayscale version is **22.8485, 24.0384, 26.1778**.

A 20% lighter version of the original color is **51.8961, 50.5319, 27.4405**, and **10.0419, 9.1925, 2.5414** is the 20% darker color. If you saturate the color by 10%, you get **24.0238, 22.0908, 7.4128**, and if you desaturate by 10%, it is **27.3001, 26.6861, 14.5389**.

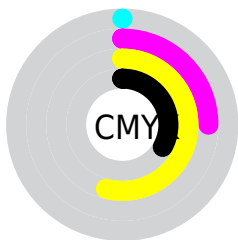
Distribution



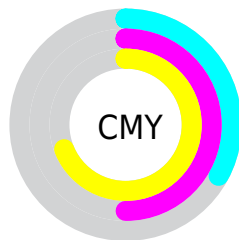
- Red (67%)
- Green (50%)
- Blue (31%)



- Red (62%)
- Yellow (67%)
- Blue (31%)



- Cyan (0%)
- Magenta (25%)
- Yellow (54%)
- Black (33%)



- Cyan (33%)
- Magenta (50%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5421, 24.2748, 10.5470 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 25.5421, 24.2748, 10.5470 by changing the saturation by 10% instead.

■ 25.5421, 24.2748,
10.5470

■ 25.5421, 24.2748,
10.5470

272.8251,
274.2068, 205.1574

■ 16.6123, 15.5376,
5.6528

■ 51.9719, 50.4783,
27.4431

■ 10.0520, 9.1975,
2.5698

■ 70.2026, 68.7133,
40.2821

■ 5.4960, 4.8703,
0.8768

■ 92.2643, 90.8831,
56.6065

■ 2.5788, 2.1713,
0.0000

■ 118.5223,
117.3720, 76.8347

■ 0.9352, 0.7043,
0.0000

■ 149.3420,
148.5644, 101.3854

■ 0.0000, 0.0000,
0.0000

185.0889,

184.8448, 130.6770

226.1281,
226.5975, 165.1282

■ 25.5421, 24.2748,
10.5470

■ 25.5421, 24.2748,
10.5470

■ 24.0238, 22.0908,
7.4128

■ 27.3001, 26.6861,
14.5389

■ 22.7291, 20.1218,
5.0689

■ 29.3089, 29.3291,
19.4460

■ 21.6425, 18.3594,
3.4400

■ 31.5809, 32.2126,
25.3225

■ 20.7448, 16.7929,
2.4352

■ 34.1270, 35.3435,
32.2180

■ 20.2803, 15.9515,
2.0101

■ 36.9577, 38.7287,
40.1785

■ 40.0825, 42.3746,
49.2473

■ 43.5108, 46.2874,
59.4653

■ 47.2512, 50.4729,
70.8711

■ 51.3122, 54.9369,
83.5018

Harmonies

Analogous

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



29.2763, 24.2748, 14.2900



25.5421, 24.2748, 10.5470



21.5235, 24.2748, 10.2172

Triad

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



25.5421, 24.2748, 10.5470



16.3413, 24.2748, 31.2353



28.5941, 24.2748, 46.4236

Complementary

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



25.5421, 24.2748, 10.5470



17.2347, 18.1961, 40.6340

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.



24.6941, 24.2748, 54.3384



25.5421, 24.2748, 10.5470



17.8135, 24.2748, 44.0204

Square

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



25.5421, 24.2748, 10.5470



16.5126, 24.2748, 20.1688



20.7674, 24.2748, 53.3502



31.1736, 24.2748, 33.8716

Rectangle

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



25.5421, 24.2748, 10.5470



19.2453, 24.2748, 11.8060



20.7674, 24.2748, 53.3502



27.3762, 24.2748, 49.8579

Sweetspot

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



25.5427, 24.2760, 10.5475



60.8727, 62.8537, 55.5756



22.8439, 15.4118, 20.3353



13.3655, 13.7606, 11.8225



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.5427, 24.2760, 10.5475



43.0719, 39.3132, 12.4597



31.9979, 37.6757, 12.7937



7.8495, 8.1791, 7.9543



14.9747, 11.8467, 1.4974



0.4148, 0.3892, 0.0533

Inverse Universe

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



17.2347, 18.1961, 40.6340



26.4094, 27.1340, 72.8473



13.2493, 10.0365, 39.2691



7.4100, 7.8569, 9.5443



7.4730, 6.4061, 28.8181



0.2333, 0.2589, 0.7183

Previews

White Background



This preview shows how the XYZ color 25.5421, 24.2748, 10.5470 looks on a white background.

Color Contrast Check

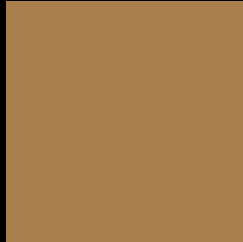
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5421, 24.2748, 10.5470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

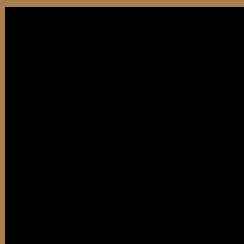
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5421, 24.2748, 10.5470

Background



This preview shows how black text looks on a background with the XYZ color 25.5421, 24.2748, 10.5470.



This preview shows how white text looks on a background with the XYZ color 25.5421, 24.2748,

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

25.5421, 24.2748, 10.5470

Protanopia

22.3619, 24.2179, 11.2805

Deuteranopia

24.7425, 24.2499, 10.5844



Tritanopia

28.3222, 24.2851, 24.3138

Trichromacy



Original Color

25.5421, 24.2748, 10.5470

Protanomaly

23.4095, 24.1496, 11.0169

Deuteranomaly

25.0307, 24.2039, 10.5603

Tritanomaly

27.1858, 24.1979, 18.2767

Monochromacy



Original Color

25.5421, 24.2748, 10.5470

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.1862, 23.6505, 19.2626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5421, 24.2748, 10.5470 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(170, 127, 78)` looks like.

```
.text, #text, p{  
    color:rgb(170, 127, 78)  
}
```

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(170, 127, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 127, 78) }
```

Border

The CSS property to change the border of an element to XYZ 25.5421, 24.2748, 10.5470 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(170, 127, 78) }
```


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

```
.border{ border-color:rgb(170, 127, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 127, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 127, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 127, 78);  
box-shadow:4px 4px 4px 4px rgb(170, 127,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5421, 24.2748, 10.5470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 127, 78) }
```

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

```
.background{ background-color: rgb(170,  
127, 78) }
```

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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