

Converting Colors

XYZ(24.3035, 22.2572, 13.8512)

Have a look what the booklet for
XYZ(24.3035, 22.2572, 13.8512)
contains.

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Color

**XYZ(24.2991, 22.2585,
13.8421)**

Conversions

Conversions Part 1

Format	Color
Hex	A5785F
RGB	165, 120, 95
RGB Percent	65%, 47%, 37%
CMY	0.3529, 0.5294, 0.6274
CMYK	0.00, 0.27, 0.42, 0.35
HSL	21°, 28%, 51%
HSV	21°, 42%, 65%
XYZ	24.2991, 22.2585, 13.8421
YIQ	130.6050, 34.8450, 1.7650

Conversions

Conversions Part 2

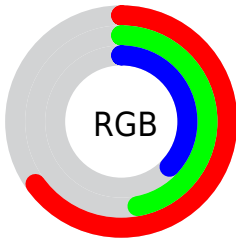
Format	Color
RYB	165, 134, 95
Decimal	10844255
CIELab	54.30, 14.32, 20.64
CIELCh	54, 25.123, 55.253
Yxy	22.2585, 0.4023, 0.3685
Android (android.graphics.Color)	4289034335 (0xFFA5785F)
YUV	130.6050, -17.5533, 30.1644
Hunter-Lab	47.1789, 9.3718, 15.6298

Details

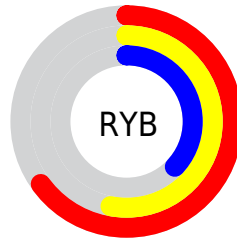
The XYZ color **24.2991, 22.2585, 13.8421** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.8886, 23.9048, 39.1105**, and the grayscale version is **21.4849, 22.6038, 24.6156**.

A 20% lighter version of the original color is **50.0650, 47.1100, 33.6485**, and **9.3423, 8.0994, 3.8673** is the 20% darker color. If you saturate the color by 10%, you get **22.4214, 19.5790, 9.8997**, and if you desaturate by 10%, it is **26.4781, 25.2863, 18.6692**.

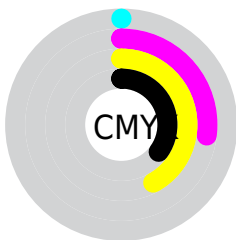
Distribution



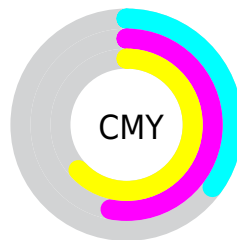
- Red (65%)
- Green (47%)
- Blue (37%)



- Red (65%)
- Yellow (53%)
- Blue (37%)



- Cyan (0%)
- Magenta (27%)
- Yellow (42%)
- Black (35%)





- Cyan (35%)
- Magenta (53%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.2991, 22.2585, 13.8421 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 24.2991, 22.2585, 13.8421 by changing the saturation by 10% instead.


 24.2991, 22.2585,
13.8421


 24.2991, 22.2585,
13.8421


266.7417,
263.8933, 227.6405


 15.6816, 14.0470,
7.8734


 49.9690, 47.1729,
33.5217


 9.3885, 8.1533,
3.9275


 67.7520, 64.6445,
48.0697

 5.0546, 4.1932,
1.5856

 89.3210, 85.9716,
66.3145

 2.3144, 1.7822,
0.2805

 115.0412,
111.5386, 88.6748

 0.8020, 0.4761,
0.0000

145.2780,
141.7299, 115.5689

 0.0000, 0.0000,
0.0000

180.3968,

176.9298, 147.4156

220.7629,
217.5228, 184.6333

■ 24.2991, 22.2585,
13.8421

■ 24.2991, 22.2585,
13.8421

■ 22.4214, 19.5790,
9.8997

■ 26.4781, 25.2863,
18.6692

■ 20.8287, 17.2314,
6.7858

■ 28.9703, 28.6717,
24.4298

■ 19.5054, 15.2026,
4.4399

■ 31.7891, 32.4274,
31.1705

■ 18.4334, 13.4772,
2.7923

■ 34.9463, 36.5648,
38.9346

■ 17.5921, 12.0382,
1.7605

■ 38.4534, 41.0946,
47.7627

■ 17.0778, 11.1208,
1.2464

■ 42.3210, 46.0269,
57.6931

■ 46.5596, 51.3717,
68.7624

■ 51.1789, 57.1386,
81.0053

■ 56.1885, 63.3367,
94.4551

Harmonies

Analogous

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



26.2810, 22.2585, 18.3582



24.2991, 22.2585, 13.8421



21.5945, 22.2585, 12.1059

Triad

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



24.2991, 22.2585, 13.8421



16.3334, 22.2585, 23.0099



23.4813, 22.2585, 40.5804

Complementary

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



24.2991, 22.2585, 13.8421



20.8886, 23.9048, 39.1105

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.



20.7236, 22.2585, 42.5700



24.2991, 22.2585, 13.8421



16.7448, 22.2585, 31.2502

Square

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



24.2991, 22.2585, 13.8421



17.1202, 22.2585, 16.6212



18.2964, 22.2585, 38.8472



25.7810, 22.2585, 33.8796

Rectangle

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



24.2991, 22.2585, 13.8421



19.8016, 22.2585, 12.4101



18.2964, 22.2585, 38.8472



22.5708, 22.2585, 41.8762

Sweetspot

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



24.2997, 22.2596, 13.8425



56.4984, 57.5020, 54.7732



24.3800, 18.0922, 27.2120



12.1100, 12.2508, 11.3912



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.



24.2997, 22.2596, 13.8425



40.3076, 35.2854, 18.0396



29.2210, 32.1022, 15.4830



7.2712, 7.4807, 7.4408



12.9632, 8.5003, 0.9575



0.3159, 0.2656, 0.0346

Inverse Universe

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



20.8886, 23.9048, 39.1105



33.3488, 38.5958, 69.4444



16.6137, 15.3551, 37.6855



7.0623, 7.5835, 8.9946



9.0902, 9.9599, 28.3731



0.2331, 0.2936, 0.6102

Previews

White Background



This preview shows how the XYZ color 24.2991, 22.2585, 13.8421 looks on a white background.

Color Contrast Check

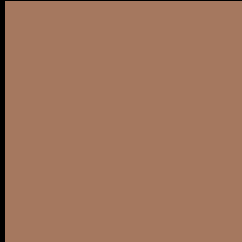
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2991, 22.2585, 13.8421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

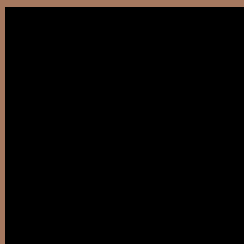
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2991, 22.2585, 13.8421

Background



This preview shows how black text looks on a background with the XYZ color 24.2991, 22.2585, 13.8421.



This preview shows how white text looks on a background with the XYZ color 24.2991, 22.2585,

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

24.2991, 22.2585, 13.8421

Protanopia

20.8822, 22.3551, 15.0187

Deuteranopia

22.6804, 22.3454, 13.7074



Tritanopia

26.0955, 22.2963, 22.3303

Trichromacy



Original Color

24.2991, 22.2585, 13.8421

Protanomaly

21.8782, 22.0995, 14.6678

Deuteranomaly

23.2039, 22.2432, 13.6601

Tritanomaly

25.3349, 22.1530, 18.8602

Monochromacy



Original Color

24.2991, 22.2585, 13.8421

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.1871, 22.3264, 20.2796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2991, 22.2585, 13.8421 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(165, 120, 95)` looks like.

```
.text, #text, p{  
    color:rgb(165, 120, 95)  
}
```

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(165, 120, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 120, 95) }
```

Border

The CSS property to change the border of an element to XYZ 24.2991, 22.2585, 13.8421 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(165, 120, 95) }
```


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

```
.border{ border-color:rgb(165, 120, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 120, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 120, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 120, 95);  
box-shadow:4px 4px 4px 4px rgb(165, 120,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2991, 22.2585, 13.8421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 120, 95) }
```

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

```
.background{ background-color: rgb(165,  
120, 95) }
```

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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