

Converting Colors

XYZ(24.5190, 22.2862, 15.3927)

Have a look what the booklet for
XYZ(24.5190, 22.2862, 15.3927)
contains.

XYZ(24.5825, 22.3719, 15.3345)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.5825, 22.3719,
15.3345)**

Conversions

Conversions Part 1

Format	Color
Hex	A57865
RGB	165, 120, 101
RGB Percent	65%, 47%, 40%
CMY	0.3529, 0.5294, 0.6039
CMYK	0.00, 0.27, 0.39, 0.35
HSL	18°, 26%, 52%
HSV	18°, 39%, 65%
XYZ	24.5825, 22.3719, 15.3345
YIQ	131.2890, 32.9190, 3.6310

Conversions

Conversions Part 2

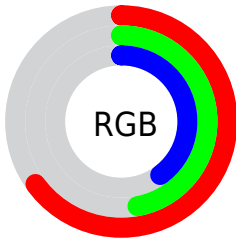
Format	Color
R _Y B	165, 128, 101
Decimal	10844261
CIE Lab	54.42, 15.03, 17.36
CIE LCh	54, 22.963, 49.102
Yxy	22.3719, 0.3947, 0.3592
Android (android.graphics.Color)	4289034341 (0xFFA57865)
YUV	131.2890, -14.9325, 29.5645
Hunter-Lab	47.2989, 9.9980, 13.8872

Details

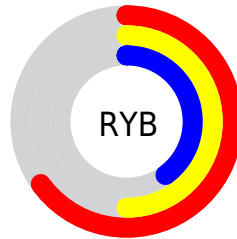
The XYZ color **24.5825, 22.3719, 15.3345** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.4368, 26.0401, 39.4410**, and the grayscale version is **21.7208, 22.8519, 24.8858**.

A 20% lighter version of the original color is **50.2388, 47.1442, 36.1576**, and **9.4746, 8.1523, 4.5642** is the 20% darker color. If you saturate the color by 10%, you get **22.5422, 19.4578, 11.0584**, and if you desaturate by 10%, it is **26.9553, 25.6911, 20.5227**.

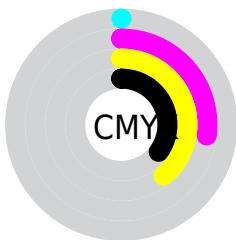
Distribution



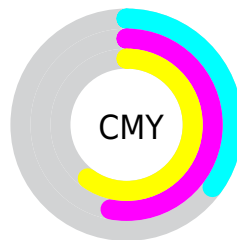
- Red (65%)
- Green (47%)
- Blue (40%)



- Red (65%)
- Yellow (50%)
- Blue (40%)



- Cyan (0%)
- Magenta (27%)
- Yellow (39%)
- Black (35%)





- Cyan (35%)
- Magenta (53%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.5825, 22.3719, 15.3345 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 24.5825, 22.3719, 15.3345 by changing the saturation by 10% instead.


 24.5825, 22.3719,
15.3345


 24.5825, 22.3719,
15.3345


268.1385,
264.4823, 237.0921


 15.8933, 14.1304,
8.9053


 50.4269, 47.3599,
36.1895


 9.5391, 8.2114,
4.5835


 68.3128, 64.8752,
51.4523

 5.1544, 4.2305,
1.9506

 89.9951, 86.2506,
70.4968

 2.3738, 1.8033,
0.5246

 115.8390,
111.8704, 93.7414

 0.8320, 0.4893,
0.0000

146.2100,
142.1191, 121.6047

 0.0000, 0.0000,
0.0000

181.4733,

177.3811, 154.5052

221.9943,
218.0407, 192.8615

■ 24.5825, 22.3719,
15.3345

■ 24.5825, 22.3719,
15.3345

■ 22.5422, 19.4578,
11.0584

■ 26.9553, 25.6911,
20.5227

■ 20.8170, 16.9298,
7.6396

■ 29.6736, 29.4273,
26.6707

■ 19.3902, 14.7718,
5.0195


■ 32.7516, 33.5958,
33.8246

■ 18.2427, 12.9653,
3.1312


■ 36.2025, 38.2100,
42.0269


■ 17.3531, 11.4901,
1.8972

■ 40.0384, 43.2829,
51.3179


 16.6858, 10.3194,
1.1699

 44.2712, 48.8268,
61.7354

 16.6151, 10.1955,
1.0922

 48.9119, 54.8538,
73.3158

 53.9714, 61.3751,
86.0936

 59.4601, 68.4020,
100.1018

Harmonies

Analogous

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



26.1578, 22.3719, 20.1104



24.5825, 22.3719, 15.3345



22.1893, 22.3719, 13.1519

Triad

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



24.5825, 22.3719, 15.3345



16.8683, 22.3719, 21.8385



22.8825, 22.3719, 39.8923

Complementary

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



24.5825, 22.3719, 15.3345



22.4368, 26.0401, 39.4410

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.



20.3644, 22.3719, 40.6076



24.5825, 22.3719, 15.3345



17.0218, 22.3719, 29.1679

Square

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



24.5825, 22.3719, 15.3345



17.8206, 22.3719, 16.3846



18.2581, 22.3719, 36.3709



25.1242, 22.3719, 34.5748

Rectangle

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



24.5825, 22.3719, 15.3345



20.5095, 22.3719, 13.1021



18.2581, 22.3719, 36.3709



22.0364, 22.3719, 40.7134

Sweetspot

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



24.5831, 22.3730, 15.3349



56.6895, 57.5163, 55.9717



25.4268, 19.4093, 29.9553



12.2458, 12.3745, 11.8926



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.



24.5831, 22.3730, 15.3349



40.6859, 35.3015, 20.4480



28.9542, 31.1152, 16.7920



7.2372, 7.4129, 7.4295



12.6085, 7.7910, 0.8393



0.3042, 0.2422, 0.0307

Inverse Universe

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



22.4368, 26.0401, 39.4410



36.2453, 42.8194, 70.1070



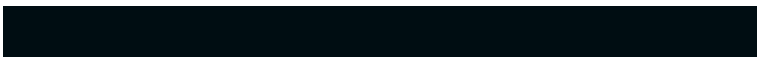
18.2741, 17.7146, 38.0534



7.0977, 7.6544, 9.0064



9.9080, 11.5954, 28.6457



0.2462, 0.3197, 0.6146

Previews

White Background



This preview shows how the XYZ color 24.5825, 22.3719, 15.3345 looks on a white background.

Color Contrast Check

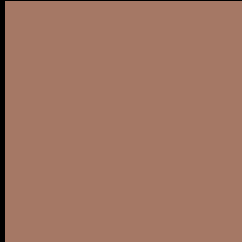
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5825, 22.3719, 15.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

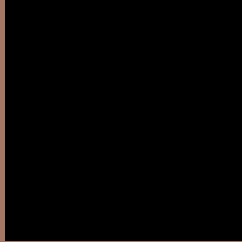
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5825, 22.3719, 15.3345

Background



This preview shows how black text looks on a background with the XYZ color 24.5825, 22.3719, 15.3345.



This preview shows how white text looks on a background with the XYZ color 24.5825, 22.3719,

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

24.5825, 22.3719, 15.3345

Protanopia

21.0654, 22.4091, 16.8508

Deuteranopia

22.7707, 22.3596, 15.1723



Tritanopia

25.9993, 22.4187, 22.3590

Trichromacy



Original Color

24.5825, 22.3719, 15.3345

Protanomaly

22.1723, 22.2171, 16.2164

Deuteranomaly

23.2878, 22.2541, 15.1247

Tritanomaly

25.3567, 22.3248, 19.4957

Monochromacy



Original Color

24.5825, 22.3719, 15.3345

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.3072, 22.3744, 20.9123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5825, 22.3719, 15.3345 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, 101)` looks like.

```
.text, #text, p{  
    color:rgb(165, 120, 101)  
}
```

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, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 120, 101) }
```

Border

The CSS property to change the border of an element to XYZ 24.5825, 22.3719, 15.3345 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, 101) }
```


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

```
.border{ border-color:rgb(165, 120, 101) }
```

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, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 120, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 120, 101);  
box-shadow:4px 4px 4px 4px rgb(165, 120,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5825, 22.3719, 15.3345 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, 101) }
```

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

```
.background{ background-color: rgb(165,  
120, 101) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor