

Converting Colors

XYZ(24.6798, 22.8380, 15.5984)

Have a look what the booklet for
XYZ(24.6798, 22.8380, 15.5984)
contains.

XYZ(24.6676, 22.7709, 15.6655)	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(24.6676, 22.7709,
15.6655)**

Conversions

Conversions Part 1

Format	Color
Hex	A47A66
RGB	164, 122, 102
RGB Percent	64%, 48%, 40%
CMY	0.3569, 0.5216, 0.6000
CMYK	0.00, 0.26, 0.38, 0.36
HSL	19°, 25%, 52%
HSV	19°, 38%, 64%
XYZ	24.6676, 22.7709, 15.6655
YIQ	132.2780, 31.4520, 2.6840

Conversions

Conversions Part 2

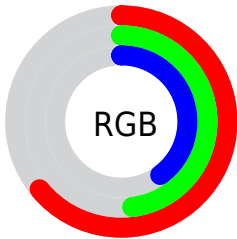
Format	Color
RYB	164, 132, 102
Decimal	10779238
CIELab	54.84, 13.61, 17.33
CIELCh	55, 22.035, 51.863
Yxy	22.7709, 0.3909, 0.3608
Android (android.graphics.Color)	4288969318 (0xFFA47A66)
YUV	132.2780, -14.9271, 27.8202
Hunter-Lab	47.7189, 8.7651, 13.9390

Details

The XYZ color **24.6676, 22.7709, 15.6655** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.1531, 25.4506, 38.8666**, and the grayscale version is **22.0773, 23.2270, 25.2942**.

A 20% lighter version of the original color is **50.5949, 48.1755, 36.7692**, and **9.6277, 8.4204, 4.7323** is the 20% darker color. If you saturate the color by 10%, you get **22.6465, 19.9041, 11.3684**, and if you desaturate by 10%, it is **27.0067, 26.0161, 20.8630**.

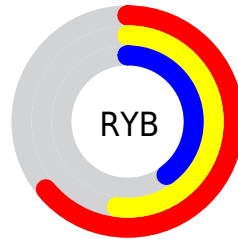
Distribution



Red (64%)

Green (48%)

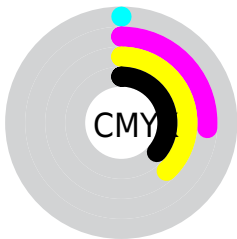
Blue (40%)



Red (64%)

Yellow (52%)

Blue (40%)

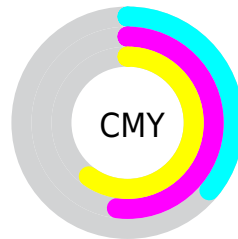


Cyan (0%)

Magenta (26%)

Yellow (38%)

Black (36%)



Cyan (36%)


Magenta (52%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.6676, 22.7709, 15.6655 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 24.6676, 22.7709, 15.6655 by changing the saturation by 10% instead.


 24.6676, 22.7709,
15.6655


 24.6676, 22.7709,
15.6655

268.5568,
266.5461, 239.1377


 15.9570, 14.4244,
9.1360


 50.5642, 48.0169,
36.7752

 9.5844, 8.4165,
4.7320


 68.4810, 65.6852,
52.1924

 5.1844, 4.3626,
2.0349

 90.1972, 87.2295,
71.4093

 2.3917, 1.8784,
0.5766

 116.0781,
113.0343, 94.8445

 0.8410, 0.5353,
0.0000

146.4892,
143.4840, 122.9163

 0.0000, 0.0000,
0.0000

181.7958,

178.9629, 156.0434

222.3632,
219.8555, 194.6444

■ 24.6676, 22.7709,
15.6655

■ 24.6676, 22.7709,
15.6655

■ 22.6465, 19.9041,
11.3684

■ 27.0067, 26.0161,
20.8630

■ 20.9270, 17.3982,
7.9183

■ 29.6758, 29.6499,
27.0072

■ 19.4935, 15.2391,
5.2583

■ 32.6884, 33.6862,
34.1431

■ 18.3283, 13.4102,
3.3238

■ 36.0567, 38.1371,
42.3120

■ 17.4113, 11.8935,
2.0399

■ 39.7921, 43.0143,
51.5533

■ 16.7125, 10.6664,
1.2814

■ 43.9058, 48.3289,
61.9039

■ 16.5789, 10.4308,
1.1395

■ 48.4081, 54.0916,
73.3993

■ 53.3093, 60.3129,
86.0732

■ 58.6191, 67.0027,
99.9579

Harmonies

Analogous

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



26.2896, 22.7709, 20.1245



24.6676, 22.7709, 15.6655



22.3131, 22.7709, 13.7404

Triad

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



24.6676, 22.7709, 15.6655



17.3279, 22.7709, 22.9423



23.4353, 22.7709, 39.4500

Complementary

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



24.6676, 22.7709, 15.6655



22.1531, 25.4506, 38.8666

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.



20.9866, 22.7709, 40.5922



24.6676, 22.7709, 15.6655



17.5791, 22.7709, 30.1343

Square

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



24.6676, 22.7709, 15.6655



18.1628, 22.7709, 17.3954



18.8764, 22.7709, 36.9175



25.5418, 22.7709, 34.0385

Rectangle

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



24.6676, 22.7709, 15.6655



20.6940, 22.7709, 13.8429



18.8764, 22.7709, 36.9175



22.6207, 22.7709, 40.3821

Sweetspot

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



24.6682, 22.7720, 15.6660



57.4031, 58.5699, 57.3613



25.1234, 19.4203, 28.9571



12.3959, 12.5990, 12.1756



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.



24.6682, 22.7720, 15.6660



41.7818, 37.0960, 22.0385



29.0394, 31.5144, 17.1230



7.2517, 7.4418, 7.4343



12.7512, 8.0763, 0.8868



0.3092, 0.2522, 0.0324

Inverse Universe

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



22.1531, 25.4506, 38.8666



36.5628, 42.6120, 70.0502



18.1266, 17.3976, 37.5245



7.0825, 7.6241, 9.0014



9.5481, 10.8757, 28.5258



0.2405, 0.3083, 0.6127

Previews

White Background



This preview shows how the XYZ color 24.6676, 22.7709, 15.6655 looks on a white background.

Color Contrast Check

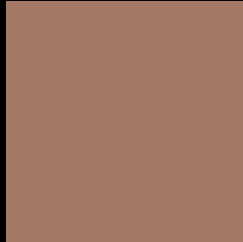
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6676, 22.7709, 15.6655 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 24.6676, 22.7709, 15.6655

Background



This preview shows how black text looks on a background with the XYZ color 24.6676, 22.7709, 15.6655.



This preview shows how white text looks on a background with the XYZ color 24.6676, 22.7709,

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

24.6676, 22.7709, 15.6655

Protanopia

21.3653, 22.7622, 16.9031

Deuteranopia

23.1362, 22.7313, 15.4801



Tritanopia

26.0351, 22.5962, 23.0680

Trichromacy



Original Color

24.6676, 22.7709, 15.6655

Protanomaly

22.4817, 22.7542, 16.5717

Deuteranomaly

23.7831, 22.8759, 15.4739

Tritanomaly

25.3839, 22.5010, 20.1448

Monochromacy



Original Color

24.6676, 22.7709, 15.6655

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.6720, 22.7481, 21.2850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6676, 22.7709, 15.6655 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, 122, 102)` looks like.

```
.text, #text, p{  
    color:rgb(164, 122, 102)  
}
```

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, 122, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 122, 102) }
```

Border

The CSS property to change the border of an element to XYZ 24.6676, 22.7709, 15.6655 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, 122, 102) }
```


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

```
.border{ border-color:rgb(164, 122, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 122, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 122, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 122, 102);  
box-shadow:4px 4px 4px 4px rgb(164, 122,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6676, 22.7709, 15.6655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 122, 102) }
```

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

```
.background{ background-color: rgb(164,  
122, 102) }
```

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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