

Converting Colors

XYZ(24.7261, 22.4419, 17.6809)

Have a look what the booklet for
XYZ(24.7261, 22.4419, 17.6809)
contains.

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Color

**XYZ(24.6352, 22.3453,
17.7665)**

Conversions

Conversions Part 1

Format	Color
Hex	A3786E
RGB	163, 120, 110
RGB Percent	64%, 47%, 43%
CMY	0.3608, 0.5294, 0.5686
CMYK	0.00, 0.26, 0.33, 0.36
HSL	11°, 22%, 54%
HSV	11°, 33%, 64%
XYZ	24.6352, 22.3453, 17.7665
YIQ	131.7170, 28.8380, 6.0060

Conversions

Conversions Part 2

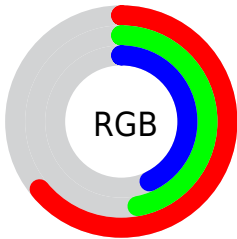
Format	Color
R_{YB}	163, 122, 110
Decimal	10713198
CIE _{Lab}	54.39, 15.38, 12.08
CIE _{LCh}	54, 19.555, 38.133
Yxy	22.3453, 0.3805, 0.3451
Android (android.graphics.Color)	4288903278 (0xFFA3786E)
YUV	131.7170, -10.7065, 27.4352
Hunter-Lab	47.2708, 10.3014, 10.8057

Details

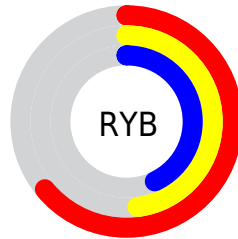
The XYZ color **24.6352, 22.3453, 17.7665** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.4320, 28.7407, 38.9101**, and the grayscale version is **21.8608, 22.9993, 25.0462**.

A 20% lighter version of the original color is **50.4875, 47.1738, 40.6269**, and **9.5531, 8.1693, 5.6307** is the 20% darker color. If you saturate the color by 10%, you get **22.3461, 19.0591, 13.0205**, and if you desaturate by 10%, it is **27.3084, 26.1382, 23.4465**.

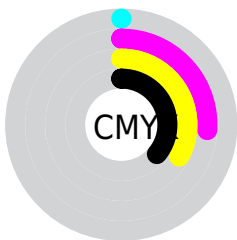
Distribution



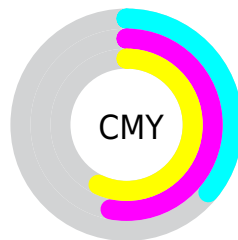
- Red (64%)
- Green (47%)
- Blue (43%)



- Red (64%)
- Yellow (48%)
- Blue (43%)



- Cyan (0%)
- Magenta (26%)
- Yellow (33%)
- Black (36%)



- Cyan (36%)
- Magenta (53%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6352, 22.3453, 17.7665 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 24.6352, 22.3453, 17.7665 by changing the saturation by 10% instead.

■ 24.6352, 22.3453,
17.7665

■ 24.6352, 22.3453,
17.7665

268.3976,
264.3442, 251.7434

■ 15.9328, 14.1108,
10.6148

■ 50.5120, 47.3160,
40.4476

■ 9.5671, 8.1978,
5.6975

■ 68.4170, 64.8211,
56.8140

■ 5.1730, 4.2218,
2.5963

■ 90.1202, 86.1852,
77.0891

■ 2.3849, 1.7984,
0.8905

■ 115.9871,
111.7926, 101.6914

■ 0.8376, 0.4862,
0.0000

146.3829,
142.0279, 131.0395

■ 0.0000, 0.0000,
0.0000

181.6730,

177.2753, 165.5518

222.2228,
217.9193, 205.6469

■ 24.6352, 22.3453,
17.7665

■ 24.6352, 22.3453,
17.7665

■ 22.3461, 19.0591,
13.0205

■ 27.3084, 26.1382,
23.4465

■ 20.4215, 16.2550,
9.1568

■ 30.3806, 30.4548,
30.1055

■ 18.8425, 13.9109,
6.1211


■ 33.8681, 35.3152,
37.7873


■ 17.5878, 12.0020,
3.8522


■ 37.7859, 40.7376,
46.5326


■ 16.6338, 10.5007,
2.2804


■ 42.1480, 46.7392,
56.3799


 15.9532, 9.3763,
1.3233

 46.9678, 53.3365,
67.3657

 15.5882, 8.7543,
0.8682

 52.2583, 60.5454,
79.5249

 58.0318, 68.3811,
92.8910

 64.0251, 76.7483,
106.0472

Harmonies

Analogous

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



25.5687, 22.3453, 22.7039



24.6352, 22.3453, 17.7665



22.8050, 22.3453, 14.9662

Triad

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



24.6352, 22.3453, 17.7665



17.6508, 22.3453, 20.2075



21.8249, 22.3453, 37.9288

Complementary

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



24.6352, 22.3453, 17.7665



24.4320, 28.7407, 38.9101

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.



19.7455, 22.3453, 36.9586



24.6352, 22.3453, 17.7665



17.4271, 22.3453, 26.0324

Square

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



24.6352, 22.3453, 17.7665



18.8023, 22.3453, 16.2023



18.1694, 22.3453, 32.3391



23.8766, 22.3453, 34.8031

Rectangle

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



24.6352, 22.3453, 17.7665



21.3726, 22.3453, 14.3669



18.1694, 22.3453, 32.3391



21.1051, 22.3453, 38.0796

Sweetspot

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



24.6358, 22.3464, 17.7669



55.7967, 56.4816, 56.9548



26.4535, 21.2479, 32.9669



12.3516, 12.4338, 12.3971



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.



24.6358, 22.3464, 17.7669



41.0977, 35.6880, 25.5284



28.2311, 29.5371, 18.9654



7.1770, 7.2923, 7.4094



12.1408, 6.8555, 0.6834



0.2832, 0.2003, 0.0237

Inverse Universe

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



24.4320, 28.7407, 38.9101



40.6647, 48.9227, 69.3559



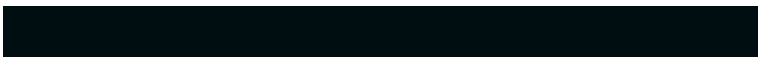
20.6029, 21.0824, 37.6338



7.1620, 7.7829, 9.0278



11.6063, 14.9921, 29.2118



0.2715, 0.3703, 0.6230

Previews

White Background



This preview shows how the XYZ color 24.6352, 22.3453, 17.7665 looks on a white background.

Color Contrast Check

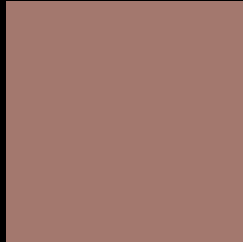
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6352, 22.3453, 17.7665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

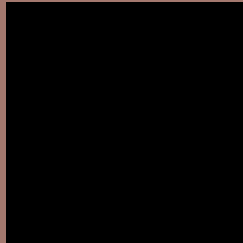
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.6352, 22.3453, 17.7665

Background



This preview shows how black text looks on a background with the XYZ color 24.6352, 22.3453, 17.7665.



This preview shows how white text looks on a background with the XYZ color 24.6352, 22.3453,

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

24.6352, 22.3453, 17.7665

Protanopia

21.2305, 22.4373, 19.4315

Deuteranopia

22.6716, 22.2554, 17.5688



Tritanopia

25.8262, 22.4885, 23.0582

Trichromacy



Original Color

24.6352, 22.3453, 17.7665

Protanomaly

22.2956, 22.2250, 18.7375

Deuteranomaly

23.3608, 22.2386, 17.5292

Tritanomaly

25.3579, 22.4666, 21.0892

Monochromacy



Original Color

24.6352, 22.3453, 17.7665

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.6850, 22.7332, 22.2611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6352, 22.3453, 17.7665 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(163, 120, 110)` looks like.

```
.text, #text, p{  
    color:rgb(163, 120, 110)  
}
```

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(163, 120, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 120, 110) }
```

Border

The CSS property to change the border of an element to XYZ 24.6352, 22.3453, 17.7665 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(163, 120, 110) }
```


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

```
.border{ border-color:rgb(163, 120, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 120, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 120, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 120, 110);  
box-shadow:4px 4px 4px 4px rgb(163, 120,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6352, 22.3453, 17.7665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 120, 110) }
```

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

```
.background{ background-color: rgb(163,  
120, 110) }
```

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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