

Converting Colors

XYZ(24.9170, 22.9822, 17.0329)

Have a look what the booklet for
XYZ(24.9170, 22.9822, 17.0329)
contains.

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Color

**XYZ(25.0466, 23.1200,
17.0524)**

Conversions

Conversions Part 1

Format	Color
Hex	A47B6B
RGB	164, 123, 107
RGB Percent	64%, 48%, 42%
CMY	0.3569, 0.5176, 0.5804
CMYK	0.00, 0.25, 0.35, 0.36
HSL	17°, 24%, 53%
HSV	17°, 35%, 64%
XYZ	25.0466, 23.1200, 17.0524
YIQ	133.4350, 29.5720, 3.7160

Conversions

Conversions Part 2

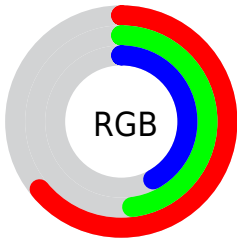
Format	Color
RYB	164, 129, 107
Decimal	10779499
CIELab	55.20, 13.68, 14.95
CIELCh	55, 20.262, 47.533
Yxy	23.1200, 0.3840, 0.3545
Android (android.graphics.Color)	4288969579 (0xFFA47B6B)
YUV	133.4350, -13.0325, 26.8055
Hunter-Lab	48.0833, 8.8351, 12.6315

Details

The XYZ color **25.0466, 23.1200, 17.0524** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.3536, 26.9848, 39.0995**, and the grayscale version is **22.4921, 23.6634, 25.7694**.

A 20% lighter version of the original color is **51.2121, 48.7349, 39.0554**, and **9.8199, 8.6033, 5.4180** is the 20% darker color. If you saturate the color by 10%, you get **22.8882, 20.0555, 12.4723**, and if you desaturate by 10%, it is **27.5462, 26.6048, 22.5541**.

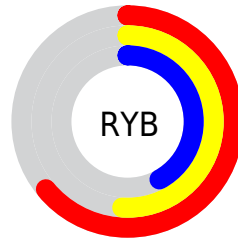
Distribution



Red (64%)

Green (48%)

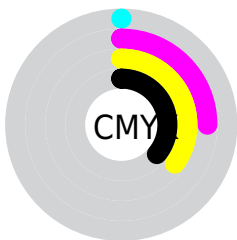
Blue (42%)



Red (64%)

Yellow (51%)

Blue (42%)

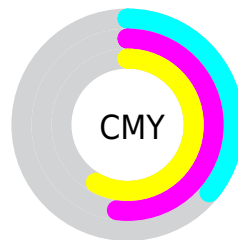


Cyan (0%)

Magenta (25%)

Yellow (35%)

Black (36%)



Cyan (36%)


Magenta (52%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0466, 23.1200, 17.0524 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 25.0466, 23.1200, 17.0524 by changing the saturation by 10% instead.


 25.0466, 23.1200,
17.0524


 25.0466, 23.1200,
17.0524

270.4133,
268.3407, 247.5283


 16.2407, 14.6821,
10.1095


 51.1752, 48.5903,
39.2077


 9.7866, 8.5966,
5.3651


 69.2285, 66.3915,
55.2573

 5.3188, 4.4790,
2.4006

 91.0951, 88.0826,
75.1794

 2.4722, 1.9450,
0.7867

 117.1402,
114.0481, 99.3927

 0.8813, 0.5752,
0.0000

147.7292,
144.6722, 128.3157

 0.0000, 0.0000,
0.0000

183.2275,

180.3394, 162.3669

224.0004,
221.4341, 201.9650

■ 25.0466, 23.1200,
17.0524

■ 25.0466, 23.1200,
17.0524

■ 22.8882, 20.0555,
12.4723

■ 27.5462, 26.6048,
22.5541

■ 21.0538, 17.3919,
8.7614

■ 30.3996, 30.5218,
29.0231

■ 19.5269, 15.1129,
5.8644

■ 33.6211, 34.8868,
36.5035

■ 18.2893, 13.2000,
3.7186

■ 37.2236, 39.7134,
45.0365

■ 17.3202, 11.6326,
2.2522

■ 41.2193, 45.0148,
54.6608

■ 16.5953, 10.3881,
1.3774

■ 45.6198, 50.8038,
65.4133

■ 16.2886, 9.8501,
1.0428

■ 50.4363, 57.0925,
77.3290

■ 55.6795, 63.8925,
90.4415

■ 61.3598, 71.2154,
104.7830

Harmonies

Analogous

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



26.3921, 23.1200, 21.6020



25.0466, 23.1200, 17.0524



22.9280, 23.1200, 14.8583

Triad

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



25.0466, 23.1200, 17.0524



17.9929, 23.1200, 22.5774



23.3124, 23.1200, 39.0294

Complementary

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



25.0466, 23.1200, 17.0524



23.3536, 26.9848, 39.0995

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.



21.0485, 23.1200, 39.4127



25.0466, 23.1200, 17.0524



18.0802, 23.1200, 29.1190

Square

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



25.0466, 23.1200, 17.0524



18.9179, 23.1200, 17.6604



19.1651, 23.1200, 35.5344



25.3446, 23.1200, 34.5630

Rectangle

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



25.0466, 23.1200, 17.0524



21.4092, 23.1200, 14.7275



19.1651, 23.1200, 35.5344



22.5504, 23.1200, 39.6645

Sweetspot

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



25.0472, 23.1211, 17.0529



57.7672, 58.9189, 58.6513



25.9764, 20.5716, 30.9517



12.4612, 12.6531, 12.4336



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.



25.0472, 23.1211, 17.0529



42.2690, 37.4394, 24.1458



28.9821, 30.9908, 18.3645



7.2282, 7.3948, 7.4265



12.5252, 7.6244, 0.8115



0.3011, 0.2360, 0.0297

Inverse Universe

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



23.3536, 26.9848, 39.0995



38.6943, 45.5376, 70.5026



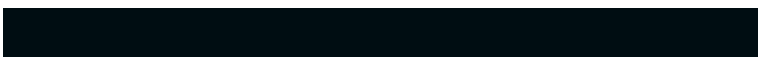
19.5170, 19.3116, 37.8207



7.1072, 7.6735, 9.0096



10.1427, 12.0648, 28.7239



0.2498, 0.3269, 0.6158

Previews

White Background



This preview shows how the XYZ color 25.0466, 23.1200, 17.0524 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 25.0466, 23.1200, 17.0524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

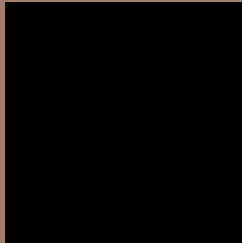
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0466, 23.1200, 17.0524

Background



This preview shows how black text looks on a background with the XYZ color 25.0466, 23.1200, 17.0524.



This preview shows how white text looks on a background with the XYZ color 25.0466, 23.1200,

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

25.0466, 23.1200, 17.0524

Protanopia

21.9357, 23.2257, 18.3658

Deuteranopia

23.5173, 23.0894, 16.8529



Tritanopia

26.4048, 23.1249, 23.8407

Trichromacy



Original Color

25.0466, 23.1200, 17.0524

Protanomaly

23.0592, 23.2159, 18.0176

Deuteranomaly

24.1629, 23.2314, 16.8463

Tritanomaly

25.8056, 23.0546, 21.1790

Monochromacy



Original Color

25.0466, 23.1200, 17.0524

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.9899, 23.0850, 22.3129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0466, 23.1200, 17.0524 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, 123, 107)` looks like.

```
.text, #text, p{  
    color:rgb(164, 123, 107)  
}
```

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, 123, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 123, 107) }
```

Border

The CSS property to change the border of an element to XYZ 25.0466, 23.1200, 17.0524 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, 123, 107) }
```


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

```
.border{ border-color:rgb(164, 123, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 123, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 123, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 123, 107);  
box-shadow:4px 4px 4px 4px rgb(164, 123,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0466, 23.1200, 17.0524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 123, 107) }
```

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

```
.background{ background-color: rgb(164,  
123, 107) }
```

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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