

Converting Colors

XYZ(24.0111, 23.2590, 17.7454)

Have a look what the booklet for
XYZ(24.0111, 23.2590, 17.7454)
contains.

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Color

**XYZ(24.0600, 23.3508,
17.7071)**

Conversions

Conversions Part 1

Format	Color
Hex	9C7F6D
RGB	156, 127, 109
RGB Percent	61%, 50%, 43%
CMY	0.3882, 0.5019, 0.5725
CMYK	0.00, 0.19, 0.30, 0.39
HSL	23°, 19%, 52%
HSV	23°, 30%, 61%
XYZ	24.0600, 23.3508, 17.7071
YIQ	133.6190, 23.0620, 0.5500

Conversions

Conversions Part 2

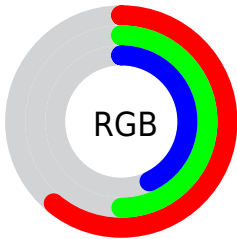
Format	Color
R_{YB}	156, 138, 109
Decimal	10256237
CIE _{Lab}	55.43, 8.40, 13.99
CIE _{LCh}	55, 16.317, 59.030
Yxy	23.3508, 0.3695, 0.3586
Android (android.graphics.Color)	4288446317 (0xFF9C7F6D)
YUV	133.6190, -12.1372, 19.6281
Hunter-Lab	48.3227, 4.3110, 12.1000

Details

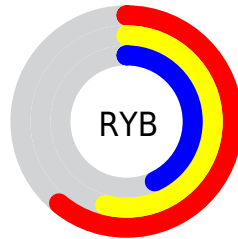
The XYZ color **24.0600, 23.3508, 17.7071** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.3957, 23.8278, 34.9241**, and the grayscale version is **22.5579, 23.7327, 25.8449**.

A 20% lighter version of the original color is **49.6182, 49.0646, 40.5735**, and **9.2756, 8.7288, 5.6108** is the 20% darker color. If you saturate the color by 10%, you get **22.1095, 20.6766, 13.2750**, and if you desaturate by 10%, it is **26.2795, 26.3243, 22.9648**.

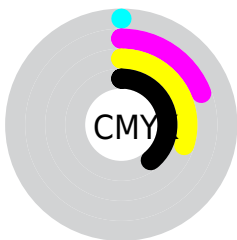
Distribution



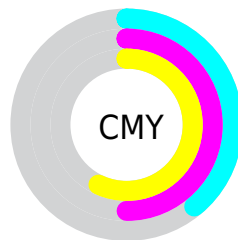
- Red (61%)
- Green (50%)
- Blue (43%)



- Red (61%)
- Yellow (54%)
- Blue (43%)



- Cyan (0%)
- Magenta (19%)
- Yellow (30%)
- Black (39%)





- Cyan (39%)
- Magenta (50%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.0600, 23.3508, 17.7071 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 24.0600, 23.3508, 17.7071 by changing the saturation by 10% instead.


 24.0600, 23.3508,
17.7071


 24.0600, 23.3508,
17.7071


265.5585,
269.5217, 251.3953


 15.5031, 14.8527,
10.5726

 49.5821, 48.9687,
40.3448


 9.2618, 8.7161,
5.6697


 67.2779, 66.8573,
56.6851

 4.9708, 4.5565,
2.5798

 88.7509, 88.6450,
76.9311

 2.2647, 1.9895,
0.8820

 114.3662,
114.7160, 101.5013

 0.7765, 0.6013,
0.0000

144.4892,
145.4548, 130.8143

 0.0000, 0.0000,
0.0000

179.4854,

181.2457, 165.2886

219.7201,
222.4732, 205.3428

■ 24.0600, 23.3508,
17.7071

■ 24.0600, 23.3508,
17.7071

■ 22.1095, 20.6766,
13.2750

■ 26.2795, 26.3243,
22.9648

■ 20.4151, 18.2887,
9.6245

■ 28.7767, 29.6032,
29.0861

■ 18.9653, 16.1778,
6.7095

■ 31.5622, 33.1973,
36.1086

■ 17.7468, 14.3328,
4.4785

■ 34.6452, 37.1152,
44.0669

■ 16.7451, 12.7418,
2.8732

■ 38.0347, 41.3650,
52.9940

■ 15.9434, 11.3915,
1.8255

■ 41.7392, 45.9545,
62.9214

■ 15.3134, 10.2741,
1.1760

■ 45.7670, 50.8913,
73.8787

■ 50.1259, 56.1827,
85.8948

■ 54.8235, 61.8357,
98.9971

Harmonies

Analogous

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



25.4247, 23.3508, 20.8296



24.0600, 23.3508, 17.7071



22.2540, 23.3508, 16.6002

Triad

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



24.0600, 23.3508, 17.7071



18.8498, 23.3508, 25.2544



23.9510, 23.3508, 35.3243

Complementary

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



24.0600, 23.3508, 17.7071



21.3957, 23.8278, 34.9241

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.



22.1346, 23.3508, 36.9270



24.0600, 23.3508, 17.7071



19.2497, 23.3508, 30.6511

Square

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



24.0600, 23.3508, 17.7071



19.3041, 23.3508, 20.5712



20.4275, 23.3508, 35.1117



25.3594, 23.3508, 30.9880

Rectangle

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



24.0600, 23.3508, 17.7071



21.0634, 23.3508, 17.0182



20.4275, 23.3508, 35.1117



23.3648, 23.3508, 36.2250

Sweetspot

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



24.0606, 23.3519, 17.7076



52.7242, 54.3626, 53.9681



23.8223, 19.8628, 26.9153



11.4576, 11.7748, 11.5167



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.0606, 23.3519, 17.7076



41.3139, 39.1543, 26.6968



27.3346, 29.8999, 18.7989



6.8309, 7.0419, 6.9849



12.6450, 8.5257, 0.9792



0.2655, 0.2313, 0.0307

Inverse Universe

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



21.3957, 23.8278, 34.9241



35.6908, 40.1492, 62.9952



18.4689, 17.9742, 33.9485



6.6082, 7.0822, 8.4254



8.4408, 8.9731, 27.1943



0.1908, 0.2403, 0.4995

Previews

White Background



This preview shows how the XYZ color 24.0600, 23.3508, 17.7071 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 24.0600, 23.3508, 17.7071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

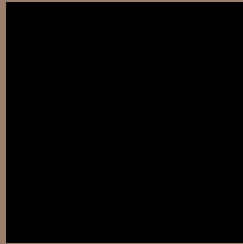
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.0600, 23.3508, 17.7071

Background



This preview shows how black text looks on a background with the XYZ color 24.0600, 23.3508, 17.7071.



This preview shows how white text looks on a background with the XYZ color 24.0600, 23.3508,

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

24.0600, 23.3508, 17.7071

Protanopia

22.1274, 23.5204, 18.7029

Deuteranopia

23.8059, 23.4125, 17.7324



Tritanopia

25.7394, 23.4797, 25.3657

Trichromacy



Original Color

24.0600, 23.3508, 17.7071

Protanomaly

22.8396, 23.4913, 18.3694

Deuteranomaly

23.9971, 23.5110, 17.7413

Tritanomaly

25.0723, 23.3916, 22.2624

Monochromacy



Original Color

24.0600, 23.3508, 17.7071

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.9733, 23.4641, 22.7202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0600, 23.3508, 17.7071 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(156, 127, 109)` looks like.

```
.text, #text, p{  
    color:rgb(156, 127, 109)  
}
```

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(156, 127, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 127, 109) }
```

Border

The CSS property to change the border of an element to XYZ 24.0600, 23.3508, 17.7071 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(156, 127, 109) }
```


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

```
.border{ border-color:rgb(156, 127, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 127, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 127, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 127, 109);  
box-shadow:4px 4px 4px 4px rgb(156, 127,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0600, 23.3508, 17.7071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 127, 109) }
```

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

```
.background{ background-color: rgb(156,  
127, 109) }
```

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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