

Converting Colors

XYZ(23.6539, 23.2084, 17.3611)

Have a look what the booklet for
XYZ(23.6539, 23.2084, 17.3611)
contains.

XYZ(23.6226, 23.1315, 17.4071)	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(23.6226, 23.1315,
17.4071)**

Conversions

Conversions Part 1

Format	Color
Hex	9A7F6C
RGB	154, 127, 108
RGB Percent	60%, 50%, 42%
CMY	0.3961, 0.5019, 0.5765
CMYK	0.00, 0.18, 0.30, 0.40
HSL	25°, 19%, 51%
HSV	25°, 30%, 60%
XYZ	23.6226, 23.1315, 17.4071
YIQ	132.9070, 22.1910, -0.1850

Conversions

Conversions Part 2

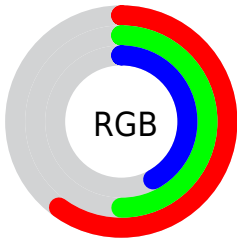
Format	Color
RYB	154, 140, 108
Decimal	10125164
CIELab	55.21, 7.44, 14.22
CIELCh	55, 16.050, 62.404
Yxy	23.1315, 0.3682, 0.3605
Android (android.graphics.Color)	4288315244 (0xFF9A7F6C)
YUV	132.9070, -12.2792, 18.4986
Hunter-Lab	48.0952, 3.5060, 12.2078

Details

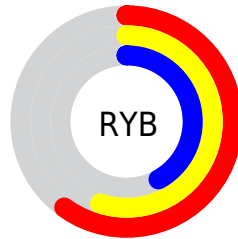
The XYZ color **23.6226, 23.1315, 17.4071** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.6808, 22.8485, 33.8922**, and the grayscale version is **22.2986, 23.4599, 25.5478**.

A 20% lighter version of the original color is **48.8738, 48.7010, 39.6252**, and **9.0462, 8.6105, 5.6001** is the 20% darker color. If you saturate the color by 10%, you get **21.7591, 20.6022, 13.0933**, and if you desaturate by 10%, it is **25.7369, 25.9303, 22.5193**.

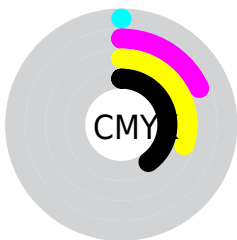
Distribution



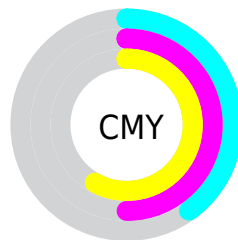
- Red (60%)
- Green (50%)
- Blue (42%)



- Red (60%)
- Yellow (55%)
- Blue (42%)



- Cyan (0%)
- Magenta (18%)
- Yellow (30%)
- Black (40%)





- Cyan (40%)
- Magenta (50%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.6226, 23.1315, 17.4071 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 23.6226, 23.1315, 17.4071 by changing the saturation by 10% instead.


 23.6226, 23.1315,
17.4071


 23.6226, 23.1315,
17.4071


263.3829,
268.3997, 249.6305


 15.1771, 14.6906,
10.3601


 48.8728, 48.6092,
39.8246


 9.0309, 8.6026,
5.5297


 66.4082, 66.4147,
56.0322

 4.8186, 4.4829,
2.4972


 87.7044, 88.1107,
76.1305

 2.1749, 1.9472,
0.8386

 113.1266,
114.0814, 100.5380

 0.7295, 0.5765,
0.0000

143.0401,
144.7113, 129.6732

 0.0000, 0.0000,
0.0000

177.8105,

180.3847, 163.9546

217.8030,
221.4860, 203.8009

■ 23.6226, 23.1315,
17.4071

■ 23.6226, 23.1315,
17.4071

■ 21.7591, 20.6022,
13.0933

■ 25.7369, 25.9303,
22.5193

■ 20.1341, 18.3306,
9.5354

■ 28.1098, 29.0036,
28.4666

■ 18.7372, 16.3089,
6.6892

■ 30.7511, 32.3601,
35.2851

■ 17.5560, 14.5274,
4.5051

■ 33.6694, 36.0071,
43.0082

■ 16.5771, 12.9755,
2.9272

■ 36.8731, 39.9519,
51.6676

■ 15.7849, 11.6420,
1.8899

■ 40.3699, 44.2012,
61.2937

■ 15.1462, 10.5078,
1.2357

■ 44.1675, 48.7618,
71.9151

■ 15.1385, 10.4941,
1.2277

■ 48.2732, 53.6398,
83.5596

■ 52.6939, 58.8417,
96.2537

Harmonies

Analogous

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



25.0284, 23.1315, 20.2550



23.6226, 23.1315, 17.4071



21.8415, 23.1315, 16.5499

Triad

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



23.6226, 23.1315, 17.4071



18.7166, 23.1315, 25.6028



23.8864, 23.1315, 34.4807

Complementary

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



23.6226, 23.1315, 17.4071



20.6808, 22.8485, 33.8922

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.



22.1308, 23.1315, 36.4009



23.6226, 23.1315, 17.4071



19.2004, 23.1315, 30.8592

Square

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



23.6226, 23.1315, 17.4071



19.0685, 23.1315, 20.8819



20.4264, 23.1315, 34.9940



25.1864, 23.1315, 30.0449

Rectangle

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



23.6226, 23.1315, 17.4071



20.6973, 23.1315, 17.1131



20.4264, 23.1315, 34.9940



23.3267, 23.1315, 35.4671

Sweetspot

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



23.6232, 23.1326, 17.4076



51.3784, 53.0907, 52.5139



23.1047, 19.3616, 25.6634



11.4880, 11.8357, 11.5269



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.



23.6232, 23.1326, 17.4076



40.5451, 38.8208, 26.1000



26.8442, 29.5746, 18.4812



6.4079, 6.6209, 6.5461



12.3674, 8.6172, 1.0115



0.2195, 0.1980, 0.0267

Inverse Universe

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



20.6808, 22.8485, 33.8922



34.2936, 38.2110, 61.1043



17.8779, 17.2427, 32.9579



6.1705, 6.5984, 7.8774



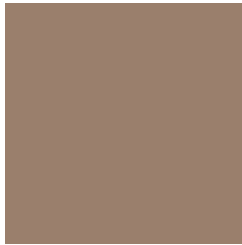
7.7928, 7.9824, 26.0377



0.1523, 0.1909, 0.4012

Previews

White Background



This preview shows how the XYZ color 23.6226, 23.1315, 17.4071 looks on a white background.

Color Contrast Check

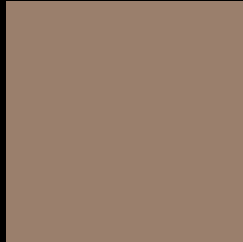
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6226, 23.1315, 17.4071 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 23.6226, 23.1315, 17.4071

Background



This preview shows how black text looks on a background with the XYZ color 23.6226, 23.1315, 17.4071.



This preview shows how white text looks on a background with the XYZ color 23.6226, 23.1315,

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

23.6226, 23.1315, 17.4071

Protanopia

21.8810, 23.2038, 18.0774

Deuteranopia

23.6226, 23.1315, 17.4071



Tritanopia

25.2212, 23.0275, 25.3057

Trichromacy



Original Color

23.6226, 23.1315, 17.4071

Protanomaly

22.4200, 23.0891, 17.7430

Deuteranomaly

23.6226, 23.1315, 17.4071

Tritanomaly

24.5560, 22.9385, 22.2021

Monochromacy



Original Color

23.6226, 23.1315, 17.4071

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.7389, 23.3506, 22.3774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6226, 23.1315, 17.4071 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(154, 127, 108)` looks like.

```
.text, #text, p{  
    color:rgb(154, 127, 108)  
}
```

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(154, 127, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 127, 108) }
```

Border

The CSS property to change the border of an element to XYZ 23.6226, 23.1315, 17.4071 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(154, 127, 108) }
```


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

```
.border{ border-color:rgb(154, 127, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 127, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 127, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 127, 108);  
box-shadow:4px 4px 4px 4px rgb(154, 127,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6226, 23.1315, 17.4071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 127, 108) }
```

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

```
.background{ background-color: rgb(154,  
127, 108) }
```

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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