

Converting Colors

XYZ(23.6671, 20.3745, 23.3506)

Have a look what the booklet for
XYZ(23.6671, 20.3745, 23.3506)
contains.

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Color

**XYZ(23.6612, 20.3414,
23.4481)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 9D7081 |
| RGB | 157, 112, 129 |
| RGB Percent | 62%, 44%, 51% |
| CMY | 0.3843, 0.5608, 0.4941 |
| CMYK | 0.00, 0.29, 0.18, 0.38 |
| HSL | 337°, 19%, 53% |
| HSV | 337°, 29%, 62% |
| XYZ | 23.6612, 20.3414, 23.4481 |
| YIQ | 127.3930, 21.3630, 14.8270 |

Conversions

Conversions Part 2

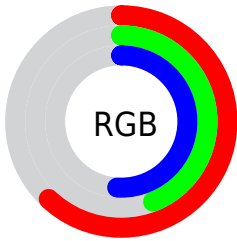
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 157, 112, 129 |
| Decimal | 10317953 |
| CIE _{Lab} | 52.22, 20.48, -2.26 |
| CIE _{LCh} | 52, 20.603, 353.710 |
| Yxy | 20.3414, 0.3508, 0.3016 |
| Android (android.graphics.Color) | 4288508033 (0xFF9D7081) |
| YUV | 127.3930, 0.7923, 25.9653 |
| Hunter-Lab | 45.1014, 14.7175, 0.7463 |

Details

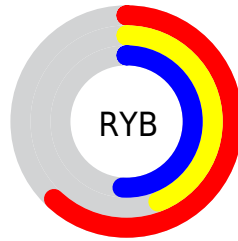
The XYZ color **23.6612, 20.3414, 23.4481** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.4735, 29.4526, 29.2600**, and the grayscale version is **20.3006, 21.3579, 23.2587**.

A 20% lighter version of the original color is **48.8703, 43.9254, 50.1587**, and **9.1071, 7.2492, 8.5087** is the 20% darker color. If you saturate the color by 10%, you get **21.4590, 16.9269, 19.6619**, and if you desaturate by 10%, it is **26.2287, 24.3867, 27.6629**.

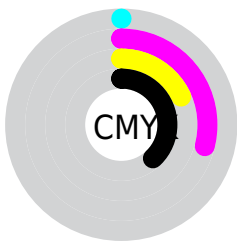
Distribution



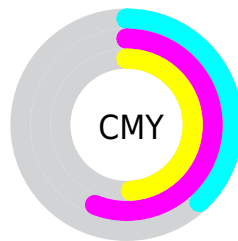
- Red (62%)
- Green (44%)
- Blue (51%)



- Red (62%)
- Yellow (44%)
- Blue (51%)



- Cyan (0%)
- Magenta (29%)
- Yellow (18%)
- Black (38%)





- Cyan (38%)
- Magenta (56%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.6612, 20.3414, 23.4481 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 23.6612, 20.3414, 23.4481 by changing the saturation by 10% instead.


 23.6612, 20.3414,
23.4481


 23.6612, 20.3414,
23.4481


263.5755,
253.7574, 283.2144


 15.2059, 12.6435,
14.7163


 48.9355, 43.9888,
50.0606


 9.0512, 7.1835,
8.4761


 66.4851, 60.7071,
68.7783

 4.8320, 3.5771,
4.3090

 87.7969, 81.2009,
91.6618

 2.1828, 1.4399,
1.7963

 113.2362,
105.8547, 119.1296

 0.7336, 0.2459,
0.4255

143.1683,
135.0529, 151.6002

 0.0000, 0.0000,
0.0000

177.9587,

169.1798, 189.4922

217.9726,
208.6198, 233.2241

■ 23.6612, 20.3414,
23.4481

■ 23.6612, 20.3414,
23.4481

■ 21.4590, 16.9269,
19.6619

■ 26.2287, 24.3867,
27.6629

■ 19.6030, 14.1084,
16.2887

■ 29.1760, 29.0898,
32.3187

■ 18.0748, 11.8518,
13.3136


■ 32.5189, 34.4795,
37.4288


■ 16.8537, 10.1187,
10.7205


■ 36.2718, 40.5819,
43.0057


■ 15.9163, 8.8655,
8.4915


■ 40.4482, 47.4220,
49.0612


 15.2355, 8.0415,
6.6072


 45.0611, 55.0234,
55.6068

 14.7595, 7.5466,
5.0393

 50.1230, 63.4087,
62.6537

 14.7020, 7.4871,
4.8496

 55.6457, 72.5996,
70.2123

 61.6408, 82.6168,
78.2932

Harmonies

Analogous

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



22.7980, 20.3414, 29.7758



23.6612, 20.3414, 23.4481



23.2986, 20.3414, 17.7902

Triad

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



23.6612, 20.3414, 23.4481



17.7454, 20.3414, 13.1097



17.0269, 20.3414, 32.9164

Complementary

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



23.6612, 20.3414, 23.4481



23.4735, 29.4526, 29.2600

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.



15.8466, 20.3414, 27.1657



23.6612, 20.3414, 23.4481



16.2398, 20.3414, 15.9492

Square

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



23.6612, 20.3414, 23.4481



19.7826, 20.3414, 12.4769



15.5692, 20.3414, 20.8975



18.8921, 20.3414, 35.8481

Rectangle

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



23.6612, 20.3414, 23.4481



22.4228, 20.3414, 15.0400



15.5692, 20.3414, 20.8975



16.5426, 20.3414, 31.2036

Sweetspot

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



23.6618, 20.3423, 23.4485



51.9633, 51.6350, 57.4318



22.6538, 19.5774, 34.4832



11.2682, 11.0959, 12.3787



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.



23.6618, 20.3423, 23.4485



39.9346, 32.6326, 37.8382



23.2204, 21.1198, 18.1831



6.7315, 6.6855, 7.4374



11.9576, 6.0876, 4.0276



0.2336, 0.1168, 0.1762

Inverse Universe

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



23.6618, 20.3423, 23.4485



39.9346, 32.6326, 37.8382



23.9562, 28.2549, 36.0895



6.7315, 6.6855, 7.4374



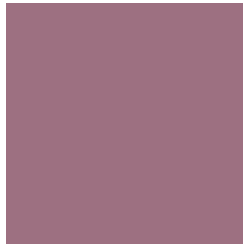
11.9576, 6.0876, 4.0276



0.2336, 0.1168, 0.1762

Previews

White Background



This preview shows how the XYZ color 23.6612, 20.3414, 23.4481 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 23.6612, 20.3414, 23.4481 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 23.6612, 20.3414, 23.4481

Background



This preview shows how black text looks on a background with the XYZ color 23.6612, 20.3414, 23.4481.



This preview shows how white text looks on a background with the XYZ color 23.6612, 20.3414,

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

23.6612, 20.3414, 23.4481

Protanopia

19.9638, 20.4780, 26.1930

Deuteranopia

20.8215, 20.4413, 22.9268



Tritanopia

23.1283, 20.2833, 21.1084

Trichromacy



Original Color

23.6612, 20.3414, 23.4481

Protanomaly

21.1035, 20.3606, 25.0080

Deuteranomaly

21.8763, 20.4447, 23.2153

Tritanomaly

23.3171, 20.3588, 22.1027

Monochromacy



Original Color

23.6612, 20.3414, 23.4481

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.3370, 20.8809, 23.3279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6612, 20.3414, 23.4481 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(157, 112, 129)` looks like.

```
.text, #text, p{  
    color:rgb(157, 112, 129)  
}
```

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(157, 112, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 112, 129) }
```

Border

The CSS property to change the border of an element to XYZ 23.6612, 20.3414, 23.4481 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(157, 112, 129) }
```


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

```
.border{ border-color:rgb(157, 112, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 112, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 112, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 112, 129);  
box-shadow:4px 4px 4px 4px rgb(157, 112,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6612, 20.3414, 23.4481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 112, 129) }
```

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

```
.background{ background-color: rgb(157,  
112, 129) }
```

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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