

Converting Colors

XYZ(23.7798, 21.0278, 21.0544)

Have a look what the booklet for
XYZ(23.7798, 21.0278, 21.0544)
contains.

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Color

**XYZ(23.6825, 20.9110,
20.8772)**

Conversions

Conversions Part 1

Format	Color
Hex	9E7379
RGB	158, 115, 121
RGB Percent	62%, 45%, 47%
CMY	0.3804, 0.5490, 0.5255
CMYK	0.00, 0.27, 0.23, 0.38
HSL	352°, 18%, 54%
HSV	352°, 27%, 62%
XYZ	23.6825, 20.9110, 20.8772
YIQ	128.5410, 23.7020, 10.9820

Conversions

Conversions Part 2

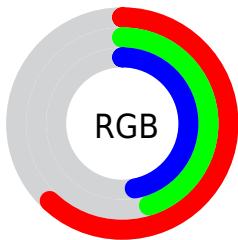
Format	Color
R_{YB}	158, 115, 121
Decimal	10384249
CIE _{Lab}	52.85, 17.85, 3.38
CIE _{LCh}	53, 18.172, 10.728
Yxy	20.9110, 0.3617, 0.3194
Android (android.graphics.Color)	4288574329 (0xFF9E7379)
YUV	128.5410, -3.7177, 25.8355
Hunter-Lab	45.7285, 12.4190, 4.9414

Details

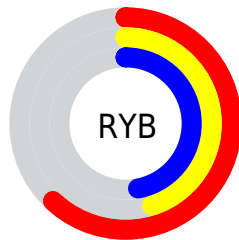
The XYZ color **23.6825, 20.9110, 20.8772** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.9655, 30.3661, 34.2527**, and the grayscale version is **20.7131, 21.7918, 23.7313**.

A 20% lighter version of the original color is **48.8021, 44.8007, 45.6104**, and **9.0947, 7.4416, 7.2604** is the 20% darker color. If you saturate the color by 10%, you get **21.2570, 17.3016, 16.2410**, and if you desaturate by 10%, it is **26.5355, 25.1870, 26.2363**.

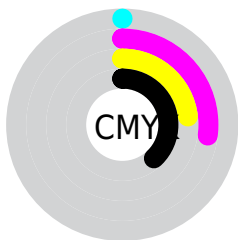
Distribution



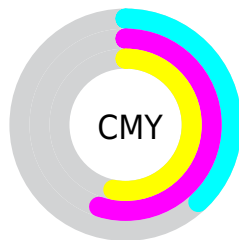
- Red (62%)
- Green (45%)
- Blue (47%)



- Red (62%)
- Yellow (45%)
- Blue (47%)



- Cyan (0%)
- Magenta (27%)
- Yellow (23%)
- Black (38%)



- Cyan (38%)
- Magenta (55%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6825, 20.9110, 20.8772 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 23.6825, 20.9110, 20.8772 by changing the saturation by 10% instead.

■ 23.6825, 20.9110,
20.8772

■ 23.6825, 20.9110,
20.8772

263.6817,
256.8051, 269.3847

■ 15.2217, 13.0590,
12.8439

■ 48.9700, 44.9394,
45.7612

■ 9.0625, 7.4692,
7.1917

■ 66.5275, 61.8845,
63.4490

■ 4.8394, 3.7572,
3.5020

■ 87.8480, 82.6294,
85.1920

■ 2.1871, 1.5387,
1.3563

■ 113.2967,
107.5586, 111.4088

■ 0.7359, 0.3157,
0.1073

143.2391,
137.0563, 142.5180

■ 0.0000, 0.0000,
0.0000

178.0405,

171.5071, 178.9380

218.0662,
211.2952, 221.0874

■ 23.6825, 20.9110,
20.8772

■ 23.6825, 20.9110,
20.8772

■ 21.2570, 17.3016,
16.2410

■ 26.5355, 25.1870,
26.2363

■ 19.2367, 14.3223,
12.2952

■ 29.8335, 30.1578,
32.3460

■ 17.5997, 11.9379,
9.0072

■ 33.5952, 35.8535,
39.2343


■ 16.3215, 10.1083,
6.3408


■ 37.8375, 42.3015,
46.9272


■ 15.3747, 8.7883,
4.2565


■ 42.5767, 49.5279,
55.4498


 14.7277, 7.9260,
2.7101


 47.8282, 57.5574,
64.8258

 14.3330, 7.4386,
1.6475

 53.6068, 66.4137,
75.0780

 14.2459, 7.3272,
1.4244

 59.9265, 76.1196,
86.2286

 66.0939, 85.2824,
98.0628

Harmonies

Analogous

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



23.5246, 20.9110, 26.3969



23.6825, 20.9110, 20.8772



22.7724, 20.9110, 16.6051

Triad

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



23.6825, 20.9110, 20.8772



17.5871, 20.9110, 15.7285



18.6944, 20.9110, 34.1333

Complementary

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



23.6825, 20.9110, 20.8772



24.9655, 30.3661, 34.2527

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.



17.2349, 20.9110, 30.2947



23.6825, 20.9110, 20.8772



16.6243, 20.9110, 19.4889

Square

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



23.6825, 20.9110, 20.8772



19.2034, 20.9110, 13.9630



16.4997, 20.9110, 24.7708



20.5626, 20.9110, 34.6642

Rectangle

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



23.6825, 20.9110, 20.8772



21.7144, 20.9110, 14.8115



16.4997, 20.9110, 24.7708



18.1430, 20.9110, 33.1613

Sweetspot

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



23.6831, 20.9120, 20.8776



53.5768, 53.8593, 57.6336



25.1678, 21.3631, 35.1450



11.8749, 11.8347, 12.6172



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.6831, 20.9120, 20.8776



40.0879, 33.6241, 32.3509



25.1850, 24.4863, 19.6197



6.6689, 6.6605, 7.1074



11.4186, 5.8720, 1.1896



0.2136, 0.1088, 0.0710

Inverse Universe

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



23.6831, 20.9120, 20.8776



40.0879, 33.6241, 32.3509



23.0575, 25.7442, 36.1019



6.6689, 6.6605, 7.1074



11.4186, 5.8720, 1.1896



0.2136, 0.1088, 0.0710

Previews

White Background



This preview shows how the XYZ color 23.6825, 20.9110, 20.8772 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 23.6825, 20.9110, 20.8772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

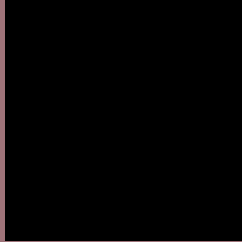
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.6825, 20.9110, 20.8772

Background



This preview shows how black text looks on a background with the XYZ color 23.6825, 20.9110, 20.8772.



This preview shows how white text looks on a background with the XYZ color 23.6825, 20.9110,

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

23.6825, 20.9110, 20.8772

Protanopia

20.1937, 21.0432, 23.0761

Deuteranopia

21.3342, 20.9379, 20.6863



Tritanopia

23.8064, 20.9606, 21.5300

Trichromacy



Original Color

23.6825, 20.9110, 20.8772

Protanomaly

21.3087, 20.8887, 22.3109

Deuteranomaly

22.0196, 20.7528, 20.6144

Tritanomaly

23.7441, 20.9357, 21.2019

Monochromacy



Original Color

23.6825, 20.9110, 20.8772

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.7888, 21.4971, 22.7396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6825, 20.9110, 20.8772 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(158, 115, 121)` looks like.

```
.text, #text, p{  
    color:rgb(158, 115, 121)  
}
```

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(158, 115, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 115, 121) }
```

Border

The CSS property to change the border of an element to XYZ 23.6825, 20.9110, 20.8772 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(158, 115, 121) }
```


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

```
.border{ border-color:rgb(158, 115, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 115, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 115, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 115, 121);  
box-shadow:4px 4px 4px 4px rgb(158, 115,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6825, 20.9110, 20.8772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 115, 121) }
```

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

```
.background{ background-color: rgb(158,  
115, 121) }
```

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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