

Converting Colors

XYZ(23.9524, 20.8869, 20.3002)

Have a look what the booklet for
XYZ(23.9524, 20.8869, 20.3002)
contains.

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Color

**XYZ(23.8443, 20.8401,
20.2186)**

Conversions

Conversions Part 1

Format	Color
Hex	A07277
RGB	160, 114, 119
RGB Percent	63%, 45%, 47%
CMY	0.3725, 0.5529, 0.5333
CMYK	0.00, 0.29, 0.26, 0.37
HSL	353°, 19%, 54%
HSV	353°, 29%, 63%
XYZ	23.8443, 20.8401, 20.2186
YIQ	128.3240, 25.8110, 11.3070

Conversions

Conversions Part 2

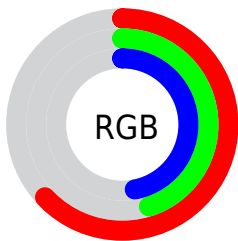
Format	Color
RYB	160, 114, 119
Decimal	10515063
CIELab	52.77, 18.90, 4.47
CIELCh	53, 19.427, 13.314
Yxy	20.8401, 0.3674, 0.3211
Android (android.graphics.Color)	4288705143 (0xFFA07277)
YUV	128.3240, -4.5967, 27.7799
Hunter-Lab	45.6510, 13.3445, 5.6964

Details

The XYZ color **23.8443, 20.8401, 20.2186** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.4275, 31.0861, 35.6719**, and the grayscale version is **20.6400, 21.7149, 23.6475**.

A 20% lighter version of the original color is **49.3058, 44.8116, 44.5789**, and **9.0910, 7.3613, 6.9030** is the 20% darker color. If you saturate the color by 10%, you get **21.4017, 17.2243, 15.4910**, and if you desaturate by 10%, it is **26.7323, 25.1407, 25.7293**.

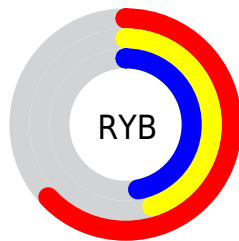
Distribution



Red (63%)

Green (45%)

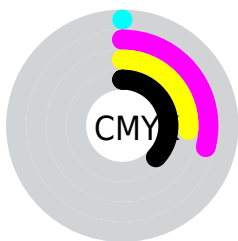
Blue (47%)



Red (63%)

Yellow (45%)

Blue (47%)

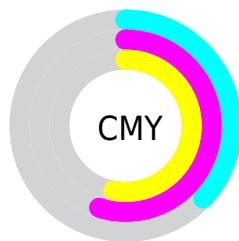


Cyan (0%)

Magenta (29%)

Yellow (26%)

Black (37%)



Cyan (37%)

Magenta (55%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8443, 20.8401, 20.2186 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 23.8443, 20.8401, 20.2186 by changing the saturation by 10% instead.

■ 23.8443, 20.8401,
20.2186

■ 23.8443, 20.8401,
20.2186

264.4875,
256.4275, 265.7394

■ 15.3423, 13.0072,
12.3684

■ 49.2325, 44.8213,
44.6472

■ 9.1478, 7.4335,
6.8695

■ 66.8494, 61.7383,
62.0626

■ 4.8956, 3.7346,
3.3034

■ 88.2354, 82.4521,
83.5035

■ 2.2203, 1.5263,
1.2516

■ 113.7556,
107.3472, 109.3885

■ 0.7534, 0.3071,
0.0216

143.7756,
136.8079, 140.1360

■ 0.0000, 0.0000,
0.0000

178.6607,

171.2185, 176.1646

218.7762,
210.9636, 217.8929

■ 23.8443, 20.8401,
20.2186

■ 23.8443, 20.8401,
20.2186

■ 21.4017, 17.2243,
15.4910

■ 26.7323, 25.1407,
25.7293

■ 19.3807, 14.2551,
11.5098

■ 30.0845, 30.1557,
32.0551

■ 17.7577, 11.8953,
8.2369

■ 33.9209, 35.9168,
39.2278

■ 16.5063, 10.1024,
5.6307


■ 38.2597, 42.4525,
47.2770


■ 15.5966, 8.8288,
3.6452


■ 43.1182, 49.7903,
56.2310

 14.9942, 8.0186,
2.2281


 48.5127, 57.9560,
66.1168

 14.6380, 7.5647,
1.3123

 54.4591, 66.9743,
76.9601

 14.6015, 7.5153,
1.2271

 60.9723, 76.8691,
88.7860

 67.1010, 85.7311,
101.2962

Harmonies

Analogous

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



23.7773, 20.8401, 26.0466



23.8443, 20.8401, 20.2186



22.7786, 20.8401, 15.8681

Triad

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



23.8443, 20.8401, 20.2186



17.2547, 20.8401, 15.5054



18.7107, 20.8401, 35.1389

Complementary

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



23.8443, 20.8401, 20.2186



25.4275, 31.0861, 35.6719

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.



17.1074, 20.8401, 31.2343



23.8443, 20.8401, 20.2186



16.3069, 20.8401, 19.6373

Square

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



23.8443, 20.8401, 20.2186



18.9245, 20.8401, 13.4766



16.2548, 20.8401, 25.3579



20.7183, 20.8401, 35.3667

Rectangle

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



23.8443, 20.8401, 20.2186



21.6088, 20.8401, 14.1139



16.2548, 20.8401, 25.3579



18.1099, 20.8401, 34.1861

Sweetspot

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



23.8449, 20.8411, 20.2190



54.3477, 54.3389, 57.6825



25.8104, 21.5060, 36.0486



11.7255, 11.6270, 12.2864



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.



23.8449, 20.8411, 20.2190



40.5794, 33.8155, 31.4722



25.7367, 25.0926, 19.4076



6.6609, 6.6573, 7.0655



11.3830, 5.8578, 1.0021



0.2110, 0.1077, 0.0574

Inverse Universe

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



23.8449, 20.8411, 20.2190



40.5794, 33.8155, 31.4722



23.0131, 25.5716, 36.9808



6.6609, 6.6573, 7.0655



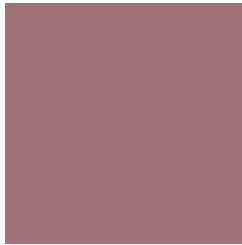
11.3830, 5.8578, 1.0021



0.2110, 0.1077, 0.0574

Previews

White Background



This preview shows how the XYZ color 23.8443, 20.8401, 20.2186 looks on a white background.

Color Contrast Check

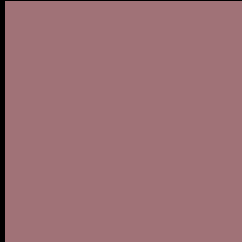
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.8443, 20.8401, 20.2186 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 23.8443, 20.8401, 20.2186

Background



This preview shows how black text looks on a background with the XYZ color 23.8443, 20.8401, 20.2186.



This preview shows how white text looks on a background with the XYZ color 23.8443, 20.8401,

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

23.8443, 20.8401, 20.2186

Protanopia

20.2158, 21.0695, 22.4034

Deuteranopia

21.3849, 20.9779, 20.0616



Tritanopia

23.9152, 20.6890, 21.1453

Trichromacy



Original Color

23.8443, 20.8401, 20.2186

Protanomaly

21.3499, 20.9246, 21.6525

Deuteranomaly

22.2613, 20.8912, 19.9987

Tritanomaly

23.8535, 20.6643, 20.8206

Monochromacy



Original Color

23.8443, 20.8401, 20.2186

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.5998, 21.2220, 22.3599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8443, 20.8401, 20.2186 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(160, 114, 119)` looks like.

```
.text, #text, p{  
    color:rgb(160, 114, 119)  
}
```

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(160, 114, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 114, 119) }
```

Border

The CSS property to change the border of an element to XYZ 23.8443, 20.8401, 20.2186 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(160, 114, 119) }
```


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

```
.border{ border-color:rgb(160, 114, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 114, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 114, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 114, 119);  
box-shadow:4px 4px 4px 4px rgb(160, 114,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8443, 20.8401, 20.2186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 114, 119) }
```

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

```
.background{ background-color: rgb(160,  
114, 119) }
```

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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