

Converting Colors

XYZ(23.1431, 20.3885, 22.3760)

Have a look what the booklet for
XYZ(23.1431, 20.3885, 22.3760)
contains.

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Color

**XYZ(23.1096, 20.4110,
22.4604)**

Conversions

Conversions Part 1

Format	Color
Hex	9A727E
RGB	154, 114, 126
RGB Percent	60%, 45%, 49%
CMY	0.3961, 0.5529, 0.5059
CMYK	0.00, 0.26, 0.18, 0.40
HSL	342°, 17%, 53%
HSV	342°, 26%, 60%
XYZ	23.1096, 20.4110, 22.4604
YIQ	127.3280, 19.9880, 12.2120

Conversions

Conversions Part 2

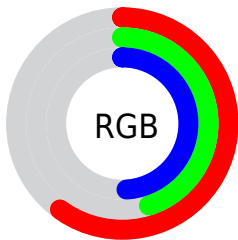
Format	Color
R_{YB}	154, 114, 126
Decimal	10121854
CIE Lab	52.30, 17.68, -0.42
CIE LCh	52, 17.686, 358.653
Yxy	20.4110, 0.3502, 0.3093
Android (android.graphics.Color)	4288311934 (0xFF9A727E)
YUV	127.3280, -0.6547, 23.3913
Hunter-Lab	45.1785, 12.2434, 2.1491

Details

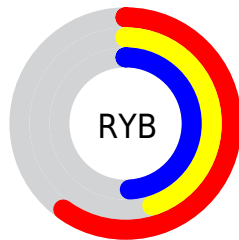
The XYZ color **23.1096, 20.4110, 22.4604** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.3783, 28.6420, 29.8888**, and the grayscale version is **20.2834, 21.3397, 23.2390**.

A 20% lighter version of the original color is **48.0674, 44.0824, 48.6232**, and **8.7673, 7.2570, 7.9598** is the 20% darker color. If you saturate the color by 10%, you get **20.8581, 16.9617, 18.4608**, and if you desaturate by 10%, it is **25.7297, 24.4771, 26.9533**.

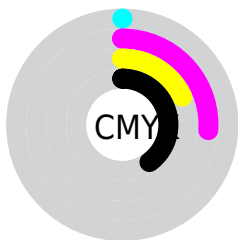
Distribution



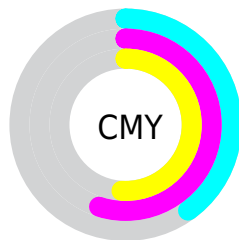
- Red (60%)
- Green (45%)
- Blue (49%)



- Red (60%)
- Yellow (45%)
- Blue (49%)



- Cyan (0%)
- Magenta (26%)
- Yellow (18%)
- Black (40%)



- Cyan (40%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1096, 20.4110, 22.4604 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 23.1096, 20.4110, 22.4604 by changing the saturation by 10% instead.

■ 23.1096, 20.4110,
22.4604

■ 23.1096, 20.4110,
22.4604

260.8123,
254.1315, 277.9728

■ 14.7956, 12.6942,
13.9940

■ 48.0386, 44.1052,
48.4177

■ 8.7614, 7.2183,
7.9778

■ 65.3842, 60.8513,
66.7457

■ 4.6418, 3.5990,
3.9932

■ 86.4712, 81.3760,
89.1980

■ 2.0712, 1.4519,
1.6216

■ 111.6647,
106.0636, 116.1931

■ 0.6735, 0.2545,
0.3062

141.3302,
135.2986, 148.1496

■ 0.0000, 0.0000,
0.0000

175.8331,

169.4653, 185.4860

215.5387,
208.9481, 228.6209

■ 23.1096, 20.4110,
22.4604

■ 23.1096, 20.4110,
22.4604

■ 20.8581, 16.9617,
18.4608

■ 25.7297, 24.4771,
26.9533

■ 18.9564, 14.0962,
14.9358

■ 28.7326, 29.1853,
31.9547

■ 17.3868, 11.7826,
11.8674

■ 32.1338, 34.5629,
37.4805

■ 16.1292, 9.9849,
9.2361

■ 35.9473, 40.6349,
43.5458

■ 15.1610, 8.6626,
7.0205

■ 40.1866, 47.4248,
50.1649

■ 14.4567, 7.7692,
5.1973

■ 44.8645, 54.9552,
57.3517

■ 13.9812, 7.2397,
3.7391

■ 49.9933, 63.2476,
65.1194

■ 13.8234, 7.0688,
3.2406

■ 55.5846, 72.3226,
73.4808

■ 61.6499, 82.2001,
82.4485

Harmonies

Analogous

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



22.5419, 20.4110, 27.8509



23.1096, 20.4110, 22.4604



22.6329, 20.4110, 17.7602

Triad

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



23.1096, 20.4110, 22.4604



17.7714, 20.4110, 14.5442



17.6374, 20.4110, 31.9196

Complementary

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



23.1096, 20.4110, 22.4604



23.3783, 28.6420, 29.8888

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.



16.4907, 20.4110, 27.3796



23.1096, 20.4110, 22.4604



16.5646, 20.4110, 17.4113

Square

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



23.1096, 20.4110, 22.4604



19.4824, 20.4110, 13.6413



16.1103, 20.4110, 21.9895



19.3179, 20.4110, 33.8130

Rectangle

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



23.1096, 20.4110, 22.4604



21.8027, 20.4110, 15.5226



16.1103, 20.4110, 21.9895



17.1807, 20.4110, 30.6208

Sweetspot

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



23.1102, 20.4119, 22.4608



50.9401, 51.0429, 55.9790



23.0061, 20.1195, 33.2429



11.3485, 11.2681, 12.3699



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.



23.1102, 20.4119, 22.4608



39.5898, 33.4048, 36.5883



23.3239, 22.0049, 18.9388



6.2813, 6.2517, 6.8612



11.2765, 5.7648, 2.7153



0.1833, 0.0921, 0.1179

Inverse Universe

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



23.1102, 20.4119, 22.4608



39.5898, 33.4048, 36.5883



23.0517, 26.4688, 34.4660



6.2813, 6.2517, 6.8612



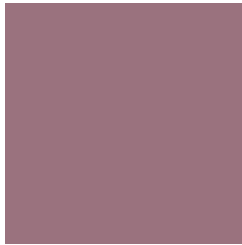
11.2765, 5.7648, 2.7153



0.1833, 0.0921, 0.1179

Previews

White Background



This preview shows how the XYZ color 23.1096, 20.4110, 22.4604 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 23.1096, 20.4110, 22.4604 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 23.1096, 20.4110, 22.4604

Background



This preview shows how black text looks on a background with the XYZ color 23.1096, 20.4110, 22.4604.



This preview shows how white text looks on a background with the XYZ color 23.1096, 20.4110,

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

23.1096, 20.4110, 22.4604

Protanopia

19.8300, 20.4412, 24.7302

Deuteranopia

20.8556, 20.4738, 22.2547



Tritanopia

22.9189, 20.3347, 21.4559

Trichromacy



Original Color

23.1096, 20.4110, 22.4604

Protanomaly

20.8991, 20.2789, 23.9318

Deuteranomaly

21.5078, 20.2772, 22.1823

Tritanomaly

22.9818, 20.3599, 21.7874

Monochromacy



Original Color

23.1096, 20.4110, 22.4604

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.1068, 20.7697, 22.9752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1096, 20.4110, 22.4604 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, 114, 126)` looks like.

```
.text, #text, p{  
    color:rgb(154, 114, 126)  
}
```

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, 114, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 114, 126) }
```

Border

The CSS property to change the border of an element to XYZ 23.1096, 20.4110, 22.4604 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, 114, 126) }
```


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

```
.border{ border-color:rgb(154, 114, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 114, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 114, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 114, 126);  
box-shadow:4px 4px 4px 4px rgb(154, 114,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1096, 20.4110, 22.4604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 114, 126) }
```

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

```
.background{ background-color: rgb(154,  
114, 126) }
```

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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