

Converting Colors

XYZ(23.3885, 20.4757, 25.9856)

Have a look what the booklet for
XYZ(23.3885, 20.4757, 25.9856)
contains.

XYZ(23.4101, 20.4876, 26.0132)	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(23.4101, 20.4876,
26.0132)**

Conversions

Conversions Part 1

Format	Color
Hex	987288
RGB	152, 114, 136
RGB Percent	60%, 45%, 53%
CMY	0.4039, 0.5529, 0.4667
CMYK	0.00, 0.25, 0.11, 0.40
HSL	325°, 16%, 52%
HSV	325°, 25%, 60%
XYZ	23.4101, 20.4876, 26.0132
YIQ	127.8700, 15.5860, 14.8980

Conversions

Conversions Part 2

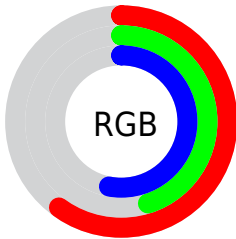
Format	Color
RYB	152, 114, 136
Decimal	9990792
CIELab	52.38, 18.66, -6.20
CIELCh	52, 19.662, 341.628
Yxy	20.4876, 0.3349, 0.2931
Android (android.graphics.Color)	4288180872 (0xFF987288)
YUV	127.8700, 4.0081, 21.1620
Hunter-Lab	45.2632, 13.1094, -2.3903

Details

The XYZ color **23.4101, 20.4876, 26.0132** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.1977, 27.6461, 25.2866**, and the grayscale version is **20.4560, 21.5213, 23.4367**.

A 20% lighter version of the original color is **48.5537, 44.2120, 54.1188**, and **8.8835, 7.2776, 9.7406** is the 20% darker color. If you saturate the color by 10%, you get **21.3947, 17.1630, 23.1639**, and if you desaturate by 10%, it is **25.7388, 24.3948, 29.1015**.

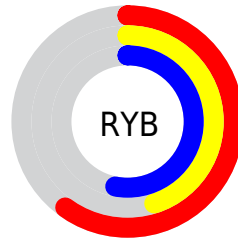
Distribution



Red (60%)

Green (45%)

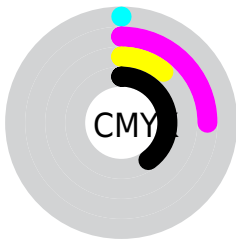
Blue (53%)



Red (60%)

Yellow (45%)

Blue (53%)

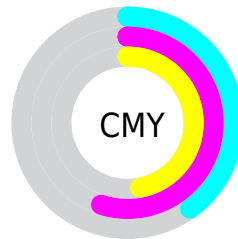


Cyan (0%)

Magenta (25%)

Yellow (11%)

Black (40%)



Cyan (40%)

Magenta (55%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4101, 20.4876, 26.0132 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 23.4101, 20.4876, 26.0132 by changing the saturation by 10% instead.

■ 23.4101, 20.4876,
26.0132

■ 23.4101, 20.4876,
26.0132

262.3206,
254.5427, 296.4544

■ 15.0190, 12.7500,
16.6077

■ 48.5276, 44.2332,
54.2806

■ 8.9191, 7.2566,
9.7962

■ 65.9846, 61.0099,
73.9795

■ 4.7451, 3.6231,
5.1602

■ 87.1943, 81.5685,
97.9467

■ 2.1317, 1.4650,
2.2812

■ 112.5221,
106.2933, 126.6005

■ 0.7064, 0.2639,
0.7206

142.3332,
135.5687, 160.3597

■ 0.0000, 0.0000,
0.0000

176.9931,

169.7792, 199.6427

216.8671,
209.3090, 244.8681

■ 23.4101, 20.4876,
26.0132

■ 23.4101, 20.4876,
26.0132

■ 21.3947, 17.1630,
23.1639

■ 25.7388, 24.3948,
29.1015

■ 19.6763, 14.3898,
20.5450

■ 28.3925, 28.9081,
32.4342

■ 18.2397, 12.1383,
18.1494

■ 31.3846, 34.0533,
36.0182

■ 17.0676, 10.3748,
15.9690

■ 34.7271, 39.8536,
39.8597

■ 16.1408, 9.0613,
13.9946

■ 38.4315, 46.3314,
43.9645

■ 15.4371, 8.1547,
12.2164

■ 42.5085, 53.5075,
48.3385

■ 14.9284, 7.5992,
10.6223

■ 46.9687, 61.4024,
52.9870

■ 14.7102, 7.3800,
9.8808

■ 51.8221, 70.0352,
57.9153

■ 57.0783, 79.4248,
63.1287

Harmonies

Analogous

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



22.1779, 20.4876, 31.7325



23.4101, 20.4876, 26.0132



23.5445, 20.4876, 20.1329

Triad

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



23.4101, 20.4876, 26.0132



18.6979, 20.4876, 13.0646



16.7029, 20.4876, 30.5727

Complementary

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



23.4101, 20.4876, 26.0132



22.1977, 27.6461, 25.2866

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.



15.8999, 20.4876, 24.6333



23.4101, 20.4876, 26.0132



16.9972, 20.4876, 14.9622

Square

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



23.4101, 20.4876, 26.0132



20.7271, 20.4876, 13.3039



16.0038, 20.4876, 18.9716



18.2703, 20.4876, 34.6635

Rectangle

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



23.4101, 20.4876, 26.0132



22.9829, 20.4876, 16.9520



16.0038, 20.4876, 18.9716



16.3397, 20.4876, 28.6866

Sweetspot

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



23.4107, 20.4885, 26.0136



49.0642, 49.2296, 55.9544



20.8660, 19.0353, 32.2804



11.0943, 11.0913, 12.6466



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.4107, 20.4885, 26.0136



39.2680, 32.7620, 43.0557



22.1876, 19.9993, 19.5730



6.3511, 6.2796, 7.2292



12.3499, 6.1942, 8.3673



0.2028, 0.0999, 0.2205

Inverse Universe

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



23.4107, 20.4885, 26.0136



39.2680, 32.7620, 43.0557



23.5798, 28.1989, 32.5645



6.3511, 6.2796, 7.2292



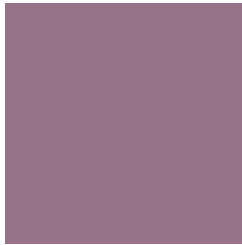
12.3499, 6.1942, 8.3673



0.2028, 0.0999, 0.2205

Previews

White Background



This preview shows how the XYZ color 23.4101, 20.4876, 26.0132 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 23.4101, 20.4876, 26.0132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

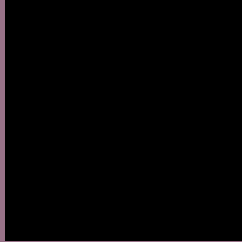
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.4101, 20.4876, 26.0132

Background



This preview shows how black text looks on a background with the XYZ color 23.4101, 20.4876, 26.0132.



This preview shows how white text looks on a background with the XYZ color 23.4101, 20.4876,

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

23.4101, 20.4876, 26.0132

Protanopia

20.1162, 20.5059, 28.4890

Deuteranopia

21.0056, 20.6549, 25.8013



Tritanopia

22.7096, 20.5508, 22.1718

Trichromacy



Original Color

23.4101, 20.4876, 26.0132

Protanomaly

21.1230, 20.3129, 27.6184

Deuteranomaly

21.7852, 20.5184, 25.7339

Tritanomaly

22.8557, 20.4258, 23.5068

Monochromacy



Original Color

23.4101, 20.4876, 26.0132

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.4962, 21.1230, 24.4169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4101, 20.4876, 26.0132 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(152, 114, 136)` looks like.

```
.text, #text, p{  
    color:rgb(152, 114, 136)  
}
```

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(152, 114, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 114, 136) }
```

Border

The CSS property to change the border of an element to XYZ 23.4101, 20.4876, 26.0132 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(152, 114, 136) }
```


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

```
.border{ border-color:rgb(152, 114, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 114, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 114, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 114, 136);  
box-shadow:4px 4px 4px 4px rgb(152, 114,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4101, 20.4876, 26.0132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 114, 136) }
```

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

```
.background{ background-color: rgb(152,  
114, 136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor