

Converting Colors

XYZ(23.4333, 20.2348, 27.4553)

Have a look what the booklet for
XYZ(23.4333, 20.2348, 27.4553)
contains.

XYZ(23.4013, 20.2830, 27.4926)	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(23.4013, 20.2830,
27.4926)**

Conversions

Conversions Part 1

Format	Color
Hex	97718C
RGB	151, 113, 140
RGB Percent	59%, 44%, 55%
CMY	0.4078, 0.5568, 0.4510
CMYK	0.00, 0.25, 0.07, 0.41
HSL	317°, 15%, 52%
HSV	317°, 25%, 59%
XYZ	23.4013, 20.2830, 27.4926
YIQ	127.4400, 13.9810, 16.4530

Conversions

Conversions Part 2

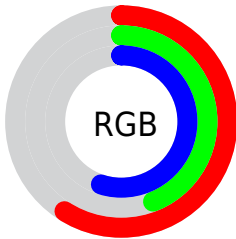
Format	Color
R_{YB}	151, 113, 140
Decimal	9925004
CIE _{Lab}	52.16, 19.60, -8.90
CIE _{LCh}	52, 21.531, 335.583
Yxy	20.2830, 0.3288, 0.2850
Android (android.graphics.Color)	4288115084 (0xFF97718C)
YUV	127.4400, 6.1921, 20.6621
Hunter-Lab	45.0367, 13.9355, -4.6679

Details

The XYZ color **23.4013, 20.2830, 27.4926** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.5156, 27.0999, 23.1668**, and the grayscale version is **20.3006, 21.3578, 23.2587**.

A 20% lighter version of the original color is **48.6463, 43.9271, 56.9538**, and **8.9913, 7.2281, 10.5941** is the 20% darker color. If you saturate the color by 10%, you get **21.5390, 17.0637, 25.3131**, and if you desaturate by 10%, it is **25.5579, 24.0698, 29.8339**.

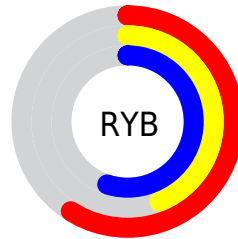
Distribution



Red (59%)

Green (44%)

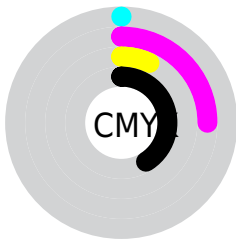
Blue (55%)



Red (59%)

Yellow (44%)

Blue (55%)

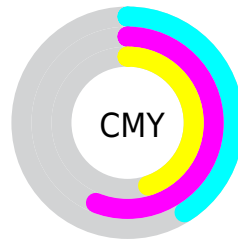


Cyan (0%)

Magenta (25%)

Yellow (7%)

Black (41%)



Cyan (41%)

Magenta (56%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4013, 20.2830, 27.4926 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 23.4013, 20.2830, 27.4926 by changing the saturation by 10% instead.

■ 23.4013, 20.2830,
27.4926

■ 23.4013, 20.2830,
27.4926

262.2765,
253.4431, 303.8696

■ 15.0124, 12.6009,
17.7078

■ 48.5132, 43.8911,
56.6866

■ 8.9145, 7.1543,
10.5732

■ 65.9670, 60.5860,
76.9330

■ 4.7421, 3.5588,
5.6701

■ 87.1732, 81.0539,
101.5036

■ 2.1299, 1.4300,
2.5800

■ 112.4970,
105.6793, 130.8170

■ 0.7054, 0.2386,
0.8821

142.3039,
134.8465, 165.2918

■ 0.0000, 0.0000,
0.0000

176.9592,

168.9399, 205.3465

216.8283,
208.3440, 251.3996

■ 23.4013, 20.2830,
27.4926

■ 23.4013, 20.2830,
27.4926

■ 21.5390, 17.0637,
25.3131

■ 25.5579, 24.0698,
29.8339

■ 19.9552, 14.3815,
23.2886

■ 28.0201, 28.4473,
32.3407

■ 18.6353, 12.2072,
21.4139

■ 30.8007, 33.4406,
35.0182

■ 17.5626, 10.5075,
19.6826

■ 33.9113, 39.0727,
37.8711

■ 16.7186, 9.2455,
18.0876

■ 37.3628, 45.3652,
40.9035

■ 16.0817, 8.3785,
16.6212

■ 41.1656, 52.3388,
44.1197

■ 15.6239, 7.8507,
15.2732

■ 45.3298, 60.0133,
47.5237

■ 15.4317, 7.6470,
14.6517

■ 49.8650, 68.4078,
51.1192

■ 54.7804, 77.5403,
54.9101

Harmonies

Analogous

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



21.8515, 20.2830, 33.5017



23.4013, 20.2830, 27.4926



23.8122, 20.2830, 20.9247

Triad

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



23.4013, 20.2830, 27.4926



18.8690, 20.2830, 12.0722



16.0325, 20.2830, 29.9282

Complementary

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



23.4013, 20.2830, 27.4926



21.5156, 27.0999, 23.1668

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.



15.3600, 20.2830, 23.2869



23.4013, 20.2830, 27.4926



16.9156, 20.2830, 13.6101

Square

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



23.4013, 20.2830, 27.4926



21.0842, 20.2830, 12.7727



15.6706, 20.2830, 17.4370



17.5787, 20.2830, 35.0851

Rectangle

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



23.4013, 20.2830, 27.4926



23.3599, 20.2830, 17.2466



15.6706, 20.2830, 17.4370



15.7024, 20.2830, 27.7524

Sweetspot

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



23.4019, 20.2839, 27.4930



48.7998, 48.4821, 56.5405



19.7704, 18.3133, 31.7715



10.9472, 10.7622, 12.7050



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.



23.4019, 20.2839, 27.4930



40.0319, 33.0676, 47.0783



22.1339, 19.7767, 20.8159



6.3849, 6.2931, 7.4073



13.1406, 6.5105, 12.5314



0.2119, 0.1035, 0.2689

Inverse Universe

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



23.4019, 20.2839, 27.4930



40.0319, 33.0676, 47.0783



22.8177, 27.6207, 30.0234



6.3849, 6.2931, 7.4073



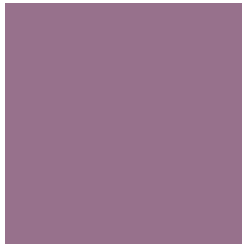
13.1406, 6.5105, 12.5314



0.2119, 0.1035, 0.2689

Previews

White Background



This preview shows how the XYZ color 23.4013, 20.2830, 27.4926 looks on a white background.

Color Contrast Check

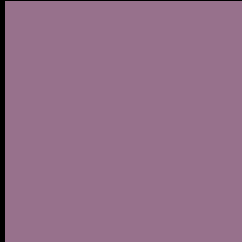
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4013, 20.2830, 27.4926 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 23.4013, 20.2830, 27.4926

Background



This preview shows how black text looks on a background with the XYZ color 23.4013, 20.2830, 27.4926.



This preview shows how white text looks on a background with the XYZ color 23.4013, 20.2830,

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

23.4013, 20.2830, 27.4926

Protanopia

20.2198, 20.5150, 30.4978

Deuteranopia

20.6307, 20.2555, 26.8671



Tritanopia

22.3415, 20.3610, 22.1546

Trichromacy



Original Color

23.4013, 20.2830, 27.4926

Protanomaly

21.1106, 20.2719, 29.1858

Deuteranomaly

21.6199, 20.2242, 27.1903

Tritanomaly

22.7377, 20.3572, 23.8500

Monochromacy



Original Color

23.4013, 20.2830, 27.4926

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.2777, 20.8193, 24.7269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4013, 20.2830, 27.4926 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(151, 113, 140)` looks like.

```
.text, #text, p{  
    color:rgb(151, 113, 140)  
}
```

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(151, 113, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 113, 140) }
```

Border

The CSS property to change the border of an element to XYZ 23.4013, 20.2830, 27.4926 is called "border". The border property can be set on classes, ids or directly on the HTML element.

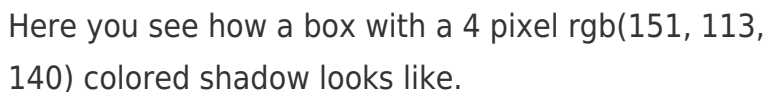
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 113, 140) }
```


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

```
.border{ border-color:rgb(151, 113, 140) }
```

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



Here you see how a box with a 4 pixel `rgb(151, 113, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 113, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 113, 140);  
box-shadow:4px 4px 4px 4px rgb(151, 113,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4013, 20.2830, 27.4926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 113, 140) }
```

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

```
.background{ background-color: rgb(151,  
113, 140) }
```

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