

Converting Colors

XYZ(25.3940, 23.1847, 24.8956)

Have a look what the booklet for
XYZ(25.3940, 23.1847, 24.8956)
contains.

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Color

**XYZ(25.3484, 23.1010,
24.9527)**

Conversions

Conversions Part 1

Format	Color
Hex	9E7B84
RGB	158, 123, 132
RGB Percent	62%, 48%, 52%
CMY	0.3804, 0.5176, 0.4823
CMYK	0.00, 0.22, 0.16, 0.38
HSL	345°, 15%, 55%
HSV	345°, 22%, 62%
XYZ	25.3484, 23.1010, 24.9527
YIQ	134.4910, 17.9710, 10.2190

Conversions

Conversions Part 2

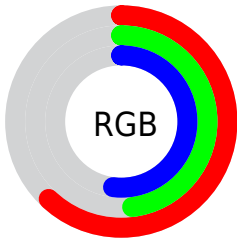
Format	Color
R_{YB}	158, 123, 132
Decimal	10386308
CIE _{Lab}	55.18, 15.05, 0.33
CIE _{LCh}	55, 15.050, 1.244
Yxy	23.1010, 0.3453, 0.3147
Android (android.graphics.Color)	4288576388 (0xFF9E7B84)
YUV	134.4910, -1.2281, 20.6174
Hunter-Lab	48.0635, 10.0287, 2.8634

Details

The XYZ color **25.3484, 23.1010, 24.9527** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.8211, 30.8352, 33.0263**, and the grayscale version is **22.8411, 24.0306, 26.1694**.

A 20% lighter version of the original color is **51.7229, 48.6996, 52.5728**, and **9.9540, 8.5863, 9.3163** is the 20% darker color. If you saturate the color by 10%, you get **22.7858, 19.1896, 20.3560**, and if you desaturate by 10%, it is **28.3191, 27.6834, 30.1320**.

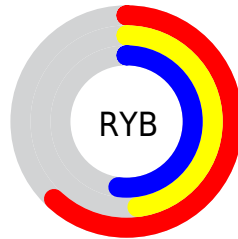
Distribution



Red (62%)

Green (48%)

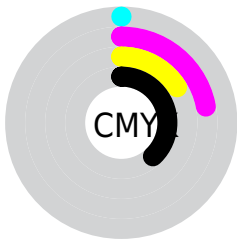
Blue (52%)



Red (62%)

Yellow (48%)

Blue (52%)

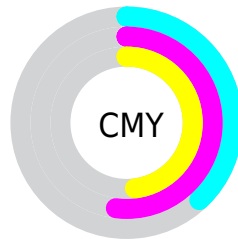


Cyan (0%)

Magenta (22%)

Yellow (16%)

Black (38%)



Cyan (38%)

Magenta (52%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3484, 23.1010, 24.9527 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 25.3484, 23.1010, 24.9527 by changing the saturation by 10% instead.

■ 25.3484, 23.1010,
24.9527

■ 25.3484, 23.1010,
24.9527

271.8843,
268.2433, 291.0424

■ 16.4669, 14.6681,
15.8231

■ 51.6607, 48.5591,
52.5436

■ 9.9481, 8.5868,
9.2461

■ 69.8222, 66.3531,
71.8421

■ 5.4266, 4.4727,
4.8030

■ 91.8078, 88.0363,
95.3672

■ 2.5370, 1.9413,
2.0755

117.9829,
113.9930, 123.5376

■ 0.9139, 0.5730,
0.6011

148.7127,
144.6077, 156.7718

■ 0.0000, 0.0000,
0.0000

184.3626,

180.2647, 195.4883

225.2980,
221.3484, 240.1057

■ 25.3484, 23.1010,
24.9527

■ 25.3484, 23.1010,
24.9527

■ 22.7858, 19.1896,
20.3560

■ 28.3191, 27.6834,
30.1320

■ 20.6112, 15.9145,
16.3196

■ 31.7128, 32.9629,
35.9120

■ 18.8056, 13.2427,
12.8220


■ 35.5463, 38.9684,
42.3120


■ 17.3479, 11.1370,
9.8396


■ 39.8347, 45.7259,
49.3498


■ 16.2144, 9.5560,
7.3472


■ 44.5923, 53.2603,
57.0427


 15.3786, 8.4525,
5.3169


 49.8331, 61.5953,
65.4072

 14.8092, 7.7709,
3.7181

 55.5702, 70.7535,
74.4592

 14.4943, 7.4266,
2.7326

 61.8162, 80.7568,
84.2141

 65.2412, 84.9414,
93.5726

Harmonies

Analogous

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



24.9132, 23.1010, 29.8730



25.3484, 23.1010, 24.9527



24.8370, 23.1010, 20.6519

Triad

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



25.3484, 23.1010, 24.9527



20.3231, 23.1010, 18.0416



20.4387, 23.1010, 34.1696

Complementary

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



25.3484, 23.1010, 24.9527



25.8211, 30.8352, 33.0263

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.



19.3084, 23.1010, 30.2649



25.3484, 23.1010, 24.9527



19.2441, 23.1010, 20.9585

Square

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



25.3484, 23.1010, 24.9527



21.8867, 23.1010, 16.9890



18.8821, 23.1010, 25.3545



22.0270, 23.1010, 35.5859

Rectangle

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



25.3484, 23.1010, 24.9527



24.0424, 23.1010, 18.6046



18.8821, 23.1010, 25.3545



19.9955, 23.1010, 33.0819

Sweetspot

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



25.3490, 23.1020, 24.9532



54.4183, 54.9169, 59.8422



25.5890, 22.9940, 35.4376



12.1934, 12.2640, 13.3632



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.



25.3490, 23.1020, 24.9532



43.4403, 37.9845, 40.6959



25.8152, 24.9776, 22.2008



6.6996, 6.6727, 7.2690



11.6225, 5.9536, 2.2631



0.2235, 0.1127, 0.1229

Inverse Universe

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



25.3490, 23.1020, 24.9532



43.4403, 37.9845, 40.6959



25.2206, 28.4399, 36.5082



6.6996, 6.6727, 7.2690



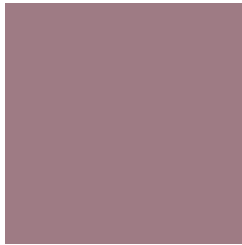
11.6225, 5.9536, 2.2631



0.2235, 0.1127, 0.1229

Previews

White Background



This preview shows how the XYZ color 25.3484, 23.1010, 24.9527 looks on a white background.

Color Contrast Check

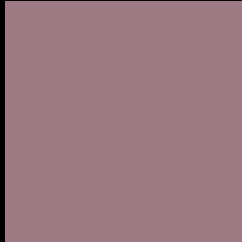
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3484, 23.1010, 24.9527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

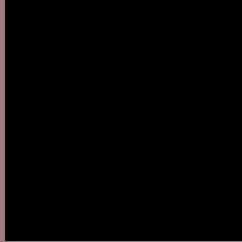
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.3484, 23.1010, 24.9527

Background



This preview shows how black text looks on a background with the XYZ color 25.3484, 23.1010, 24.9527.



This preview shows how white text looks on a background with the XYZ color 25.3484, 23.1010,

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

25.3484, 23.1010, 24.9527

Protanopia

22.4395, 23.2952, 26.9806

Deuteranopia

23.4930, 23.0968, 24.6926



Tritanopia

25.3484, 23.1010, 24.9527

Trichromacy



Original Color

25.3484, 23.1010, 24.9527

Protanomaly

23.3788, 23.2006, 26.1676

Deuteranomaly

24.1353, 23.0444, 24.6487

Tritanomaly

25.3484, 23.1010, 24.9527

Monochromacy



Original Color

25.3484, 23.1010, 24.9527

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.5440, 23.4984, 25.4850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3484, 23.1010, 24.9527 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, 123, 132)` looks like.

```
.text, #text, p{  
    color:rgb(158, 123, 132)  
}
```

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, 123, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 123, 132) }
```

Border

The CSS property to change the border of an element to XYZ 25.3484, 23.1010, 24.9527 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, 123, 132) }
```


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

```
.border{ border-color:rgb(158, 123, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 123, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 123, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 123, 132);  
box-shadow:4px 4px 4px 4px rgb(158, 123,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3484, 23.1010, 24.9527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 123, 132) }
```

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

```
.background{ background-color: rgb(158,  
123, 132) }
```

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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