

# Converting Colors

XYZ(26.0383, 24.1233, 23.4973)

Have a look what the booklet for  
XYZ(26.0383, 24.1233, 23.4973)  
contains.

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# Color

**XYZ(25.9896, 24.0311,  
23.3473)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A17E7F
RGB	161, 126, 127
RGB Percent	63%, 49%, 50%
CMY	0.3686, 0.5059, 0.5020
CMYK	0.00, 0.22, 0.21, 0.37
HSL	358°, 16%, 56%
HSV	358°, 22%, 63%
XYZ	25.9896, 24.0311, 23.3473
YIQ	136.5790, 20.5390, 7.7310

# Conversions

## Conversions Part 2

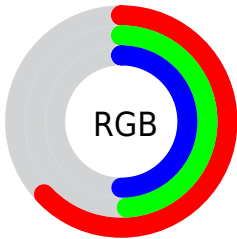
<b>Format</b>	<b>Color</b>
<b>RYB</b>	161, 126, 127
Decimal	10583679
CIELab	56.12, 13.67, 4.64
CIELCh	56, 14.439, 18.725
Yxy	24.0311, 0.3542, 0.3275
Android (android.graphics.Color)	4288773759 (0xFFA17E7F)
YUV	136.5790, -4.7224, 21.4172
Hunter-Lab	49.0215, 8.8472, 6.0772

# Details

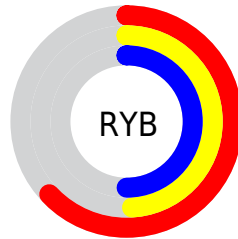
The XYZ color **25.9896, 24.0311, 23.3473** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.6953, 32.4641, 38.0660**, and the grayscale version is **23.6314, 24.8621, 27.0749**.

A 20% lighter version of the original color is **52.6772, 50.1344, 50.0805**, and **10.3357, 9.1090, 8.4212** is the 20% darker color. If you saturate the color by 10%, you get **23.1527, 19.8639, 17.7567**, and if you desaturate by 10%, it is **29.3174, 28.9265, 29.8829**.

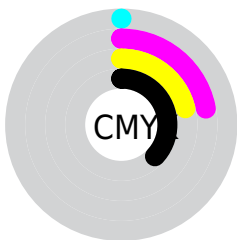
# Distribution



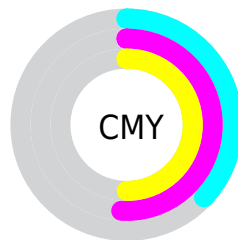
- Red (63%)
- Green (49%)
- Blue (50%)



- Red (63%)
- Yellow (49%)
- Blue (50%)



- Cyan (0%)
- Magenta (22%)
- Yellow (21%)
- Black (37%)



- Cyan (37%)
- Magenta (51%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9896, 24.0311, 23.3473 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 25.9896, 24.0311, 23.3473 by changing the saturation by 10% instead.



■ 25.9896, 24.0311,  
23.3473

■ 25.9896, 24.0311,  
23.3473

274.9887,  
272.9777, 282.6833

■ 16.9485, 15.3567,  
14.6425

■ 52.6896, 50.0809,  
49.8934

■ 10.2929, 9.0701,  
8.4250

■ 71.0792, 68.2252,  
68.5717

■ 5.6573, 4.7869,  
4.2764

■ 93.3157, 90.2948,  
91.4115

■ 2.6765, 2.1228,  
1.7782

119.7644,  
116.6742, 118.8315

■ 0.9851, 0.6774,  
0.4135

150.7907,  
147.7478, 151.2502

■ 0.0000, 0.0000,  
0.0000

186.7599,

183.9000, 189.0860

228.0375,  
225.5151, 232.7575

■ 25.9896, 24.0311,  
23.3473

■ 25.9896, 24.0311,  
23.3473

■ 23.1527, 19.8639,  
17.7567

■ 29.3174, 28.9265,  
29.8829

■ 20.7817, 16.3870,  
13.0660

■ 33.1558, 34.5790,  
37.4029

■ 18.8523, 13.5642,  
9.2288

■ 37.5257, 41.0200,  
45.9461

■ 17.3371, 11.3546,  
6.1935

■ 42.4462, 48.2782,  
55.5488

■ 16.2058, 9.7126,  
3.9035

■ 47.9356, 56.3808,  
66.2456

■ 15.4240, 8.5864,  
2.2944

■ 54.0113, 65.3538,  
78.0696

■ 14.9511, 7.9149,  
1.2912

■ 60.6899, 75.2220,  
91.0522

■ 14.7232, 7.5872,  
0.8202

■ 67.9875, 86.0092,  
105.2239

■ 68.5081, 86.3171,  
107.6579

# Harmonies

## Analogous

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



26.1064, 24.0311, 27.9886



25.9896, 24.0311, 23.3473



25.0053, 24.0311, 19.8958

# Triad

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



25.9896, 24.0311, 23.3473



20.5314, 24.0311, 20.6017



22.2242, 24.0311, 36.1615

# Complementary

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



25.9896, 24.0311, 23.3473



27.6953, 32.4641, 38.0660

# 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.



20.8050, 24.0311, 33.6314



25.9896, 24.0311, 23.3473



19.8596, 24.0311, 24.4239

# Square

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



25.9896, 24.0311, 23.3473



21.8343, 24.0311, 18.4478



19.9573, 24.0311, 29.2024



23.8779, 24.0311, 35.7824



# Rectangle

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



25.9896, 24.0311, 23.3473



24.0152, 24.0311, 18.5579



19.9573, 24.0311, 29.2024



21.7054, 24.0311, 35.6118

# Sweetspot

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



25.9903, 24.0322, 23.3478



55.5545, 56.2946, 59.4965



28.3585, 24.9525, 37.0402



12.1038, 12.2282, 12.8913



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.



25.9903, 24.0322, 23.3478



44.0246, 39.3340, 36.8499



28.1873, 28.5297, 23.7612



7.0816, 7.0891, 7.4159



11.7615, 6.0607, 0.6688



0.2494, 0.1283, 0.0262



# Inverse Universe

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



25.9903, 24.0322, 23.3478



44.0246, 39.3340, 36.8499



25.1127, 27.1589, 37.6371



7.0816, 7.0891, 7.4159



11.7615, 6.0607, 0.6688



0.2494, 0.1283, 0.0262



# Previews

## White Background



This preview shows how the XYZ color 25.9896, 24.0311, 23.3473 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 25.9896, 24.0311, 23.3473 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 25.9896, 24.0311, 23.3473**

## **Background**



This preview shows how black text looks on a background with the XYZ color 25.9896, 24.0311, 23.3473.



This preview shows how white text looks on a background with the XYZ color 25.9896, 24.0311,



# 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

25.9896, 24.0311, 23.3473

### Protanopia

23.1031, 24.0922, 24.9053

### Deuteranopia

24.5110, 24.0509, 23.0891



## Tritanopia

26.5370, 24.0698, 25.8016

# Trichromacy



## Original Color

25.9896, 24.0311, 23.3473

## Protanomaly

23.9996, 23.9553, 24.4780

## Deuteranomaly

25.1337, 24.1754, 23.0803

## Tritanomaly

26.3306, 23.9873, 24.7150

# Monochromacy



## Original Color

25.9896, 24.0311, 23.3473

## Achromatopsia

23.7775, 25.0158, 27.2422

## Achromatomaly

24.4752, 24.5795, 25.6446

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 25.9896, 24.0311, 23.3473 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(161, 126, 127)` looks like.

```
.text, #text, p{  
    color:rgb(161, 126, 127)  
}
```

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(161, 126, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 126, 127) }
```

## Border

The CSS property to change the border of an element to XYZ 25.9896, 24.0311, 23.3473 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(161, 126, 127) }
```



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

```
.border{ border-color:rgb(161, 126, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 126, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 126, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 126, 127);  
box-shadow:4px 4px 4px 4px rgb(161, 126,  
127) }
```

# Background

The CSS property to change the background color of an element to XYZ 25.9896, 24.0311, 23.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 126, 127) }
```

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

```
.background{ background-color: rgb(161,  
126, 127) }
```

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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