

Converting Colors

XYZ(25.8861, 23.4517, 24.6463)

Have a look what the booklet for
XYZ(25.8861, 23.4517, 24.6463)
contains.

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Color

**XYZ(25.8776, 23.3817,
24.6219)**

Conversions

Conversions Part 1

Format	Color
Hex	A17B83
RGB	161, 123, 131
RGB Percent	63%, 48%, 51%
CMY	0.3686, 0.5176, 0.4863
CMYK	0.00, 0.24, 0.19, 0.37
HSL	347°, 17%, 56%
HSV	347°, 24%, 63%
XYZ	25.8776, 23.3817, 24.6219
YIQ	135.2740, 20.0800, 10.5440

Conversions

Conversions Part 2

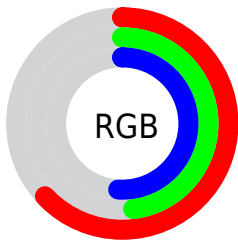
Format	Color
R_{YB}	161, 123, 131
Decimal	10582915
CIE _{Lab}	55.46, 16.03, 1.37
CIE _{LCh}	55, 16.091, 4.866
Yxy	23.3817, 0.3503, 0.3165
Android (android.graphics.Color)	4288772995 (0xFFA17B83)
YUV	135.2740, -2.1071, 22.5617
Hunter-Lab	48.3546, 10.9060, 3.6581

Details

The XYZ color **25.8776, 23.3817, 24.6219** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.6640, 32.0011, 34.9101**, and the grayscale version is **23.1338, 24.3385, 26.5047**.

A 20% lighter version of the original color is **52.4960, 49.1103, 52.0598**, and **10.2784, 8.7580, 9.1314** is the 20% darker color. If you saturate the color by 10%, you get **23.2329, 19.3874, 19.7474**, and if you desaturate by 10%, it is **28.9578, 28.0774, 30.1637**.

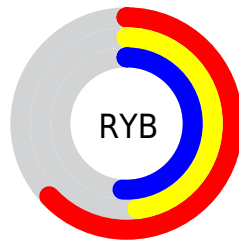
Distribution



Red (63%)

Green (48%)

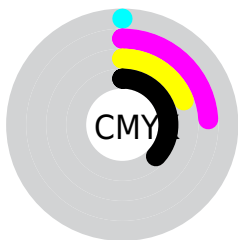
Blue (51%)



Red (63%)

Yellow (48%)

Blue (51%)

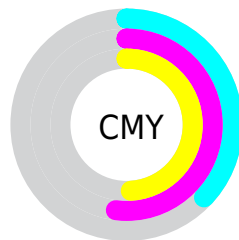


Cyan (0%)

Magenta (24%)

Yellow (19%)

Black (37%)



Cyan (37%)


Magenta (52%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8776, 23.3817, 24.6219 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 25.8776, 23.3817, 24.6219 by changing the saturation by 10% instead.


 25.8776, 23.3817,
24.6219


 25.8776, 23.3817,
24.6219


274.4484,
269.6795, 289.3369


 16.8643, 14.8756,
15.5791


 52.5101, 49.0193,
51.9997

 10.2325, 8.7321,
9.0757


 70.8601, 66.9196,
71.1717

 5.6168, 4.5669,
4.6931


 93.0529, 88.7202,
94.5573

 2.6519, 1.9954,
2.0128

119.4540,
114.8053, 122.5749

 0.9725, 0.6048,
0.5631

150.4288,
145.5593, 155.6432

 0.0000, 0.0000,
0.0000

186.3426,

181.3668, 194.1806

227.5606,
222.6121, 238.6056

■ 25.8776, 23.3817,
24.6219

■ 25.8776, 23.3817,
24.6219

■ 23.2329, 19.3874,
19.7474

■ 28.9578, 28.0774,
30.1637

■ 21.0019, 16.0577,
15.5132

■ 32.4901, 33.5025,
36.3953

■ 19.1639, 13.3571,
11.8929

■ 36.4926, 39.6877,
43.3401

■ 17.6953, 11.2459,
8.8573

■ 40.9819, 46.6606,
51.0197

■ 16.5704, 9.6796,
6.3750

■ 45.9738, 54.4478,
59.4551

■ 15.7595, 8.6072,
4.4114

■ 51.4831, 63.0743,
68.6663

■ 15.2281, 7.9681,
2.9277

■ 57.5243, 72.5643,
78.6724

■ 14.9850, 7.6919,
2.1995

■ 64.1113, 82.9408,
89.4920

■ 67.0014, 85.7145,
99.7245

Harmonies

Analogous

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



25.5281, 23.3817, 29.9345



25.8776, 23.3817, 24.6219



25.2054, 23.3817, 20.1718

Triad

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



25.8776, 23.3817, 24.6219



20.2915, 23.3817, 18.1204



20.7769, 23.3817, 35.5985

Complementary

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



25.8776, 23.3817, 24.6219



26.6640, 32.0011, 34.9101

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.



19.4867, 23.3817, 31.5970



25.8776, 23.3817, 24.6219



19.2173, 23.3817, 21.4529

Square

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



25.8776, 23.3817, 24.6219



21.9295, 23.3817, 16.7574



18.9309, 23.3817, 26.3142



22.5204, 23.3817, 36.7465

Rectangle

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



25.8776, 23.3817, 24.6219



24.2888, 23.3817, 18.1417



18.9309, 23.3817, 26.3142



20.2790, 23.3817, 34.5181

Sweetspot

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



25.8783, 23.3828, 24.6224



55.8582, 56.4161, 61.0957



26.6096, 23.4899, 36.8498



12.1749, 12.2566, 13.2661



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.



25.8783, 23.3828, 24.6224



43.9170, 38.1990, 39.6496



26.7667, 25.9939, 22.3468



7.1319, 7.1092, 7.6812



11.9808, 6.1484, 1.8235



0.2672, 0.1354, 0.1199

Inverse Universe

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



25.8783, 23.3828, 24.6224



43.9170, 38.1990, 39.6496



25.5459, 28.6722, 37.9062



7.1319, 7.1092, 7.6812



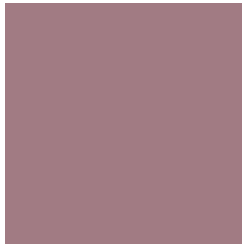
11.9808, 6.1484, 1.8235



0.2672, 0.1354, 0.1199

Previews

White Background



This preview shows how the XYZ color 25.8776, 23.3817, 24.6219 looks on a white background.

Color Contrast Check

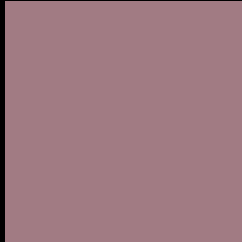
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8776, 23.3817, 24.6219 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 25.8776, 23.3817, 24.6219

Background



This preview shows how black text looks on a background with the XYZ color 25.8776, 23.3817, 24.6219.



This preview shows how white text looks on a background with the XYZ color 25.8776, 23.3817,

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

25.8776, 23.3817, 24.6219

Protanopia

22.5267, 23.3484, 26.6120

Deuteranopia

23.9121, 23.5153, 24.3977



Tritanopia

25.9458, 23.4089, 24.9807

Trichromacy



Original Color

25.8776, 23.3817, 24.6219

Protanomaly

23.6549, 23.3510, 25.8147

Deuteranomaly

24.5675, 23.4658, 24.3536

Tritanomaly

25.9458, 23.4089, 24.9807

Monochromacy



Original Color

25.8776, 23.3817, 24.6219

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.9210, 23.8831, 25.9034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8776, 23.3817, 24.6219 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, 123, 131)` looks like.

```
.text, #text, p{  
    color:rgb(161, 123, 131)  
}
```

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, 123, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 123, 131) }
```

Border

The CSS property to change the border of an element to XYZ 25.8776, 23.3817, 24.6219 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, 123, 131) }
```


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

```
.border{ border-color:rgb(161, 123, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 123, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 123, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 123, 131);  
box-shadow:4px 4px 4px 4px rgb(161, 123,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8776, 23.3817, 24.6219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 123, 131) }
```

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

```
.background{ background-color: rgb(161,  
123, 131) }
```

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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