

Converting Colors

XYZ(27.5102, 23.5347, 26.1102)

Have a look what the booklet for
XYZ(27.5102, 23.5347, 26.1102)
contains.

XYZ(27.5476, 23.4890, 26.0036)	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(27.5476, 23.4890,
26.0036)**

Conversions

Conversions Part 1

Format	Color
Hex	AA7787
RGB	170, 119, 135
RGB Percent	67%, 47%, 53%
CMY	0.3333, 0.5333, 0.4706
CMYK	0.00, 0.30, 0.21, 0.33
HSL	341°, 23%, 57%
HSV	341°, 30%, 67%
XYZ	27.5476, 23.4890, 26.0036
YIQ	136.0730, 25.2600, 15.7880

Conversions

Conversions Part 2

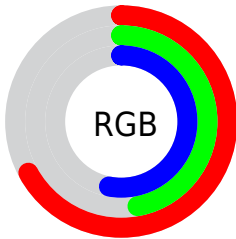
Format	Color
R_{YB}	170, 119, 135
Decimal	11171719
CIE Lab	55.57, 22.39, -0.68
CIE LCh	56, 22.399, 358.248
Yxy	23.4890, 0.3576, 0.3049
Android (android.graphics.Color)	4289361799 (0xFFAA7787)
YUV	136.0730, -0.5290, 29.7540
Hunter-Lab	48.4655, 16.6443, 2.1144

Details

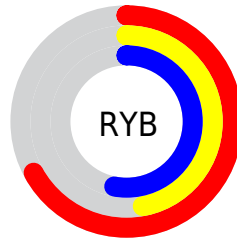
The XYZ color **27.5476, 23.4890, 26.0036** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.8162, 35.0051, 35.8642**, and the grayscale version is **23.4250, 24.6449, 26.8383**.

A 20% lighter version of the original color is **55.1937, 49.3046, 54.1847**, and **11.1660, 8.8181, 9.7079** is the 20% darker color. If you saturate the color by 10%, you get **24.9255, 19.4881, 21.2964**, and if you desaturate by 10%, it is **30.6229, 28.2519, 31.3067**.

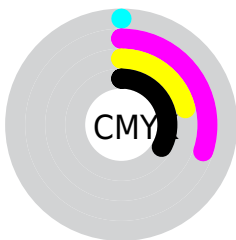
Distribution



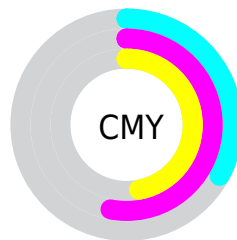
- Red (67%)
- Green (47%)
- Blue (53%)



- Red (67%)
- Yellow (47%)
- Blue (53%)



- Cyan (0%)
- Magenta (30%)
- Yellow (21%)
- Black (33%)





- Cyan (33%)
- Magenta (53%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5476, 23.4890, 26.0036 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 27.5476, 23.4890, 26.0036 by changing the saturation by 10% instead.


 27.5476, 23.4890,
26.0036


 27.5476, 23.4890,
26.0036


282.4183,
270.2267, 296.4058


 18.1236, 14.9550,
16.6005


 55.1751, 49.1950,
54.2649

 11.1390, 8.7878,
9.7912


 74.1092, 67.1358,
73.9602

 6.2284, 4.6030,
5.1569


 96.9442, 88.9810,
97.9234

 3.0264, 2.0163,
2.2793

124.0453,
115.1150, 126.5730

 1.1678, 0.6169,
0.7196

155.7779,
145.9222, 160.3274

 0.0807, 0.0000,
0.0000

192.5074,

 0.0000, 0.0000,

181.7869, 199.6054

0.0000

234.5990,
223.0937, 244.8253

■ 27.5476, 23.4890,
26.0036

■ 27.5476, 23.4890,
26.0036

■ 24.9255, 19.4881,
21.2964

■ 30.6229, 28.2519,
31.3067

■ 22.7326, 16.2062,
17.1619

■ 34.1702, 33.8102,
37.2246

■ 20.9452, 13.6009,
13.5775

■ 38.2093, 40.1997,
43.7773

■ 19.5369, 11.6242,
10.5186

■ 42.7585, 47.4525,
50.9834

■ 18.4775, 10.2215,
7.9581

■ 47.8351, 55.5994,
58.8607

■ 17.7322, 9.3287,
5.8665

■ 53.4555, 64.6695,
67.4263

■ 17.2279, 8.8063,
4.1997

■ 59.6355, 74.6907,
76.6966

■ 17.2278, 8.8062,
4.1993

■ 66.3886, 85.6865,
86.6870

■ 68.0671, 86.3579,
95.5256

Harmonies

Analogous

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



26.7213, 23.4890, 33.6269



27.5476, 23.4890, 26.0036



26.8893, 23.4890, 19.5339

Triad

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



27.5476, 23.4890, 26.0036



20.1021, 23.4890, 15.1641



19.8630, 23.4890, 39.3404

Complementary

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



27.5476, 23.4890, 26.0036



27.8162, 35.0051, 35.8642

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.



18.3099, 23.4890, 32.7497



27.5476, 23.4890, 26.0036



18.4405, 23.4890, 18.9243

Square

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



27.5476, 23.4890, 26.0036



22.4746, 23.4890, 14.0277



17.8091, 23.4890, 25.1522



22.1773, 23.4890, 42.1747

Rectangle

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



27.5476, 23.4890, 26.0036



25.7230, 23.4890, 16.5288



17.8091, 23.4890, 25.1522



19.2414, 23.4890, 37.4363

Sweetspot

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



27.5483, 23.4901, 26.0041



62.5747, 62.2536, 68.4872



27.1513, 22.9525, 41.0297



13.7361, 13.5390, 14.9141



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.5483, 23.4901, 26.0041



46.7273, 37.6385, 41.3790



27.6731, 25.4089, 20.9000



7.6244, 7.5796, 8.3395



12.6956, 6.4870, 3.2086



0.3318, 0.1670, 0.1985

Inverse Universe

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



27.5483, 23.4901, 26.0041



46.7273, 37.6385, 41.3790



27.5481, 32.1926, 42.7923



7.6244, 7.5796, 8.3395



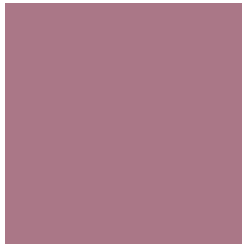
12.6956, 6.4870, 3.2086



0.3318, 0.1670, 0.1985

Previews

White Background



This preview shows how the XYZ color 27.5476, 23.4890, 26.0036 looks on a white background.

Color Contrast Check

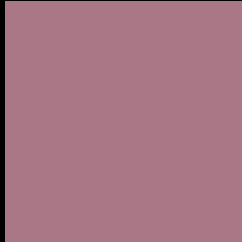
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5476, 23.4890, 26.0036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

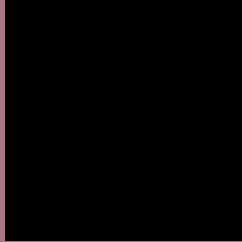
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.5476, 23.4890, 26.0036

Background



This preview shows how black text looks on a background with the XYZ color 27.5476, 23.4890, 26.0036.



This preview shows how white text looks on a background with the XYZ color 27.5476, 23.4890,

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

27.5476, 23.4890, 26.0036

Protanopia

23.0183, 23.7448, 29.3566

Deuteranopia

23.9380, 23.5050, 25.4655



Tritanopia

27.0411, 23.4529, 23.8705

Trichromacy



Original Color

27.5476, 23.4890, 26.0036

Protanomaly

24.3069, 23.4428, 28.0547

Deuteranomaly

25.1543, 23.3570, 25.7368

Tritanomaly

27.1754, 23.5067, 24.5777

Monochromacy



Original Color

27.5476, 23.4890, 26.0036

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.6393, 24.0387, 26.6339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5476, 23.4890, 26.0036 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(170, 119, 135)` looks like.

```
.text, #text, p{  
    color:rgb(170, 119, 135)  
}
```

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(170, 119, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 119, 135) }
```

Border

The CSS property to change the border of an element to XYZ 27.5476, 23.4890, 26.0036 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(170, 119, 135) }
```


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

```
.border{ border-color:rgb(170, 119, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 119, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 119, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 119, 135);  
box-shadow:4px 4px 4px 4px rgb(170, 119,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5476, 23.4890, 26.0036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 119, 135) }
```

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

```
.background{ background-color: rgb(170,  
119, 135) }
```

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