

Converting Colors

XYZ(27.4501, 23.1644, 25.5655)

Have a look what the booklet for
XYZ(27.4501, 23.1644, 25.5655)
contains.

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Color

**XYZ(27.4590, 23.1017,
25.5661)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7586
RGB	171, 117, 134
RGB Percent	67%, 46%, 53%
CMY	0.3294, 0.5412, 0.4745
CMYK	0.00, 0.32, 0.22, 0.33
HSL	341°, 24%, 56%
HSV	341°, 32%, 67%
XYZ	27.4590, 23.1017, 25.5661
YIQ	135.0840, 26.7270, 16.7350

Conversions

Conversions Part 2

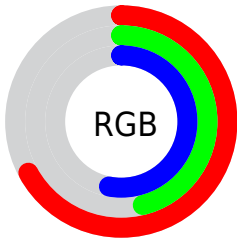
Format	Color
R_{YB}	171, 117, 134
Decimal	11236742
CIE Lab	55.18, 23.74, -0.67
CIE LCh	55, 23.748, 358.391
Yxy	23.1017, 0.3607, 0.3035
Android (android.graphics.Color)	4289426822 (0xFFAB7586)
YUV	135.0840, -0.5344, 31.4983
Hunter-Lab	48.0642, 17.8643, 2.1077

Details

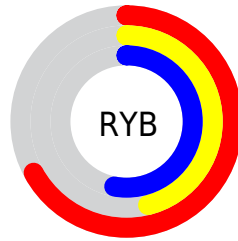
The XYZ color **27.4590, 23.1017, 25.5661** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.7328, 35.2415, 35.9142**, and the grayscale version is **23.0558, 24.2565, 26.4153**.

A 20% lighter version of the original color is **55.0229, 48.6682, 53.5076**, and **11.1780, 8.6417, 9.6732** is the 20% darker color. If you saturate the color by 10%, you get **24.8732, 19.1661, 20.8930**, and if you desaturate by 10%, it is **30.5007, 27.8036, 30.8384**.

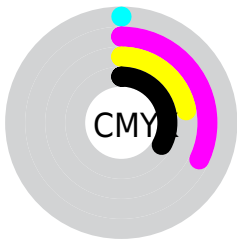
Distribution



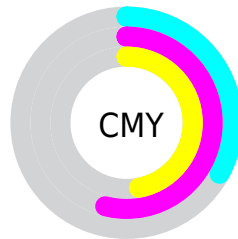
- Red (67%)
- Green (46%)
- Blue (53%)



- Red (67%)
- Yellow (46%)
- Blue (53%)



- Cyan (0%)
- Magenta (32%)
- Yellow (22%)
- Black (33%)





- Cyan (33%)
- Magenta (54%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4590, 23.1017, 25.5661 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 27.4590, 23.1017, 25.5661 by changing the saturation by 10% instead.

 27.4590, 23.1017,
25.5661


 27.4590, 23.1017,
25.5661


281.9999,
268.2469, 294.1829


 18.0566, 14.6686,
16.2765


 55.0342, 48.5603,
53.5496

 11.0906, 8.5871,
9.5635


 73.9378, 66.3545,
73.0805

 6.1955, 4.4729,
5.0087


 96.7392, 88.0380,
96.8623

 3.0061, 1.9415,
2.1936

123.8036,
113.9950, 125.3135

 1.1570, 0.5731,
0.6706

155.4966,
144.6101, 158.8526

 0.0720, 0.0000,
0.0000

192.1834,

 0.0000, 0.0000,

180.2674, 197.8982

0.0000

234.2294,
221.3516, 242.8688

■ 27.4590, 23.1017,
25.5661

■ 27.4590, 23.1017,
25.5661

■ 24.8732, 19.1661,
20.8930

■ 30.5007, 27.8036,
30.8384

■ 22.7184, 15.9527,
16.7957

■ 34.0173, 33.3062,
36.7295

■ 20.9706, 13.4179,
13.2511


■ 38.0294, 39.6461,
43.2596

■ 19.6022, 11.5119,
10.2338


■ 42.5556, 46.8562,
50.4476


■ 18.5822, 10.1782,
7.7163


■ 47.6135, 54.9680,
58.3117


 17.8741, 9.3498,
5.6679

 53.2200, 64.0113,
66.8693

 17.4566, 8.9227,
4.2709

 59.3911, 74.0145,
76.1371

 66.1421, 85.0047,
86.1312

 68.2024, 86.4371,
95.1055

Harmonies

Analogous

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



26.5926, 23.1017, 33.6101



27.4590, 23.1017, 25.5661



26.7556, 23.1017, 18.8296

Triad

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



27.4590, 23.1017, 25.5661



19.6211, 23.1017, 14.3701



19.3920, 23.1017, 39.7527

Complementary

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



27.4590, 23.1017, 25.5661



27.7328, 35.2415, 35.9142

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.



17.7703, 23.1017, 32.7559



27.4590, 23.1017, 25.5661



17.8949, 23.1017, 18.2501

Square

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



27.4590, 23.1017, 25.5661



22.1010, 23.1017, 13.1981



17.2447, 23.1017, 24.7460



21.8146, 23.1017, 42.7570

Rectangle

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



27.4590, 23.1017, 25.5661



25.5204, 23.1017, 15.7388



17.2447, 23.1017, 24.7460



18.7426, 23.1017, 37.7285

Sweetspot

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



27.4596, 23.1028, 25.5666



62.5774, 62.2547, 68.5014



27.0203, 22.5242, 41.4520



13.7368, 13.5393, 14.9177



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.



27.4596, 23.1028, 25.5666



45.8103, 36.2365, 39.7414



27.5828, 25.0963, 20.2211



8.1052, 8.0553, 8.8649



13.1810, 6.7349, 3.3326



0.3918, 0.1974, 0.2249

Inverse Universe

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



27.4596, 23.1028, 25.5666



45.8103, 36.2365, 39.7414



27.4500, 32.2477, 43.3061



8.1052, 8.0553, 8.8649



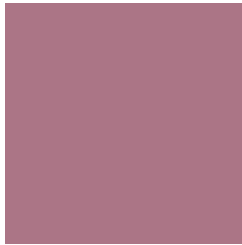
13.1810, 6.7349, 3.3326



0.3918, 0.1974, 0.2249

Previews

White Background



This preview shows how the XYZ color 27.4590, 23.1017, 25.5661 looks on a white background.

Color Contrast Check

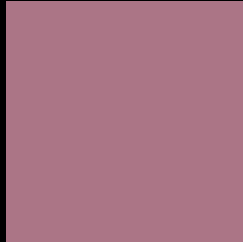
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4590, 23.1017, 25.5661 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 27.4590, 23.1017, 25.5661

Background



This preview shows how black text looks on a background with the XYZ color 27.4590, 23.1017, 25.5661.



This preview shows how white text looks on a background with the XYZ color 27.4590, 23.1017,

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

27.4590, 23.1017, 25.5661

Protanopia

22.7249, 23.3912, 29.3038

Deuteranopia

23.5611, 23.1240, 25.0514



Tritanopia

26.8868, 23.0352, 23.1078

Trichromacy



Original Color

27.4590, 23.1017, 25.5661

Protanomaly

24.1771, 23.1832, 28.0115

Deuteranomaly

24.7677, 22.9788, 25.3202

Tritanomaly

27.0853, 23.1146, 24.1531

Monochromacy



Original Color

27.4590, 23.1017, 25.5661

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.3051, 23.4835, 26.1734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4590, 23.1017, 25.5661 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(171, 117, 134)` looks like.

```
.text, #text, p{  
    color:rgb(171, 117, 134)  
}
```

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(171, 117, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 117, 134) }
```

Border

The CSS property to change the border of an element to XYZ 27.4590, 23.1017, 25.5661 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(171, 117, 134) }
```


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

```
.border{ border-color:rgb(171, 117, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 117, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 117, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 117, 134);  
box-shadow:4px 4px 4px 4px rgb(171, 117,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4590, 23.1017, 25.5661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 117, 134) }
```

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

```
.background{ background-color: rgb(171,  
117, 134) }
```

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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