

Converting Colors

XYZ(26.7272, 23.8889, 33.8045)

Have a look what the booklet for
XYZ(26.7272, 23.8889, 33.8045)
contains.

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Color

**XYZ(26.7507, 23.8163,
33.7589)**

Conversions

Conversions Part 1

Format	Color
Hex	9C7C9A
RGB	156, 124, 154
RGB Percent	61%, 49%, 60%
CMY	0.3882, 0.5137, 0.3961
CMYK	0.00, 0.21, 0.01, 0.39
HSL	304°, 14%, 55%
HSV	304°, 21%, 61%
XYZ	26.7507, 23.8163, 33.7589
YIQ	136.9880, 9.4420, 16.1140

Conversions

Conversions Part 2

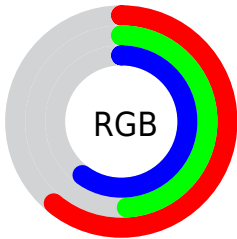
Format	Color
R_{YB}	156, 124, 154
Decimal	10255514
CIE _{Lab}	55.90, 17.74, -11.39
CIE _{LCh}	56, 21.084, 327.290
Yxy	23.8163, 0.3172, 0.2824
Android (android.graphics.Color)	4288445594 (0xFF9C7C9A)
YUV	136.9880, 8.3869, 16.6735
Hunter-Lab	48.8019, 12.4410, -6.8527

Details

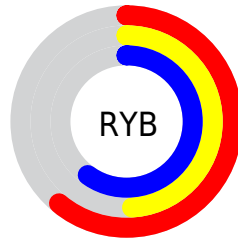
The XYZ color **26.7507, 23.8163, 33.7589** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.9675, 29.5691, 24.1842**, and the grayscale version is **23.7407, 24.9771, 27.2001**.

A 20% lighter version of the original color is **53.9713, 49.8472, 66.4514**, and **10.6732, 8.9545, 13.9978** is the 20% darker color. If you saturate the color by 10%, you get **24.8676, 20.1792, 32.7323**, and if you desaturate by 10%, it is **28.9452, 28.0743, 34.8931**.

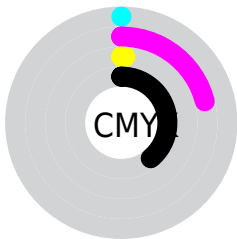
Distribution



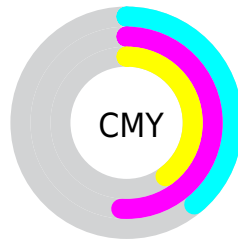
- Red (61%)
- Green (49%)
- Blue (60%)



- Red (61%)
- Yellow (49%)
- Blue (60%)



- Cyan (0%)
- Magenta (21%)
- Yellow (1%)
- Black (39%)



- Cyan (39%)
- Magenta (51%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7507, 23.8163, 33.7589 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 26.7507, 23.8163, 33.7589 by changing the saturation by 10% instead.

■ 26.7507, 23.8163,
33.7589

■ 26.7507, 23.8163,
33.7589

278.6376,
271.8904, 333.7919

■ 17.5217, 15.1974,
22.4326

■ 53.9063, 49.7303,
66.6882

■ 10.7047, 8.9580,
13.9737

■ 72.5636, 67.7941,
89.1282

■ 5.9345, 4.7138,
7.9639

■ 95.0943, 89.7751,
116.1099

■ 2.8456, 2.0804,
3.9844

121.8639,
116.0576, 148.0517

■ 1.0726, 0.6535,
1.6168

153.2377,
147.0259, 185.3723

■ 0.0020, 0.0000,
0.3028

189.5810,

■ 0.0000, 0.0000,

183.0646, 228.4902

0.0000

231.2592,
224.5580, 277.8239

■ 26.7507, 23.8163,
33.7589

■ 26.7507, 23.8163,
33.7589

■ 24.8676, 20.1792,
32.7323

■ 28.9452, 28.0743,
34.8931

■ 23.2792, 17.1309,
31.8069

■ 31.4624, 32.9773,
36.1379

■ 21.9706, 14.6411,
30.9780

■ 34.3160, 38.5516,
37.4980

■ 20.9247, 12.6755,
30.2399

■ 37.5178, 44.8216,
38.9776

■ 20.1224, 11.1962,
29.5863

■ 41.0794, 51.8100,
40.5803

■ 19.5422, 10.1599,
29.0098

■ 45.0117, 59.5387,
42.3099

■ 19.1587, 9.5162,
28.5022

■ 49.3252, 68.0288,
44.1699

■ 18.9182, 9.1511,
28.0646

■ 54.0299, 77.3002,
46.1636

■ 56.0616, 81.2245,
47.2695

Harmonies

Analogous

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



24.8217, 23.8163, 39.5569



26.7507, 23.8163, 33.7589



27.5721, 23.8163, 26.5624

Triad

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



26.7507, 23.8163, 33.7589



22.8558, 23.8163, 14.8338



18.7742, 23.8163, 32.4837

Complementary

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



26.7507, 23.8163, 33.7589



23.9675, 29.5691, 24.1842

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.



18.3284, 23.8163, 25.3114



26.7507, 23.8163, 33.7589



20.5838, 23.8163, 15.8613

Square

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



26.7507, 23.8163, 33.7589



25.2261, 23.8163, 16.3162



18.9677, 23.8163, 19.4191



20.2308, 23.8163, 38.7339

Rectangle

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



26.7507, 23.8163, 33.7589



27.3405, 23.8163, 22.1949



18.9677, 23.8163, 19.4191



18.5059, 23.8163, 30.0665

Sweetspot

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



26.7514, 23.8173, 33.7594



54.5063, 54.7543, 64.3426



21.7548, 21.2221, 34.4027



11.9353, 11.9345, 14.1291



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



26.7514, 23.8173, 33.7594



46.8135, 39.8280, 60.3624



25.5353, 23.3309, 27.3553



6.8862, 6.7474, 8.2521



15.5873, 7.5395, 23.1413



0.2835, 0.1367, 0.4392

Inverse Universe

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



26.7514, 23.8173, 33.7594



46.8135, 39.8280, 60.3624



25.0540, 30.0037, 29.9057



6.8862, 6.7474, 8.2521



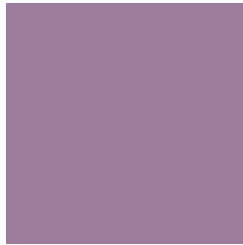
15.5873, 7.5395, 23.1413



0.2835, 0.1367, 0.4392

Previews

White Background



This preview shows how the XYZ color 26.7507, 23.8163, 33.7589 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 26.7507, 23.8163, 33.7589 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 26.7507, 23.8163, 33.7589

Background



This preview shows how black text looks on a background with the XYZ color 26.7507, 23.8163, 33.7589.



This preview shows how white text looks on a background with the XYZ color 26.7507, 23.8163,

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

26.7507, 23.8163, 33.7589

Protanopia

23.7860, 23.9803, 36.6327

Deuteranopia

24.3473, 23.9358, 33.4738



Tritanopia

25.4312, 23.8549, 26.9310

Trichromacy



Original Color

26.7507, 23.8163, 33.7589

Protanomaly

24.8016, 23.9229, 35.6581

Deuteranomaly

25.1460, 23.7580, 33.3974

Tritanomaly

25.9363, 23.8734, 29.2276

Monochromacy



Original Color

26.7507, 23.8163, 33.7589

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.7108, 24.4150, 29.3968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7507, 23.8163, 33.7589 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(156, 124, 154)` looks like.

```
.text, #text, p{  
    color:rgb(156, 124, 154)  
}
```

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(156, 124, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 124, 154) }
```

Border

The CSS property to change the border of an element to XYZ 26.7507, 23.8163, 33.7589 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(156, 124, 154) }
```


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

```
.border{ border-color:rgb(156, 124, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 124, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 124, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 124, 154);  
box-shadow:4px 4px 4px 4px rgb(156, 124,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7507, 23.8163, 33.7589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 124, 154) }
```

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

```
.background{ background-color: rgb(156,  
124, 154) }
```

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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