

Converting Colors

XYZ(26.9999, 23.1499, 35.4384)

Have a look what the booklet for
XYZ(26.9999, 23.1499, 35.4384)
contains.

XYZ(26.9886, 23.1707, 35.3977)	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(26.9886, 23.1707,
35.3977)**

Conversions

Conversions Part 1

Format	Color
Hex	9E789E
RGB	158, 120, 158
RGB Percent	62%, 47%, 62%
CMY	0.3804, 0.5294, 0.3804
CMYK	0.00, 0.24, 0.00, 0.38
HSL	300°, 16%, 55%
HSV	300°, 24%, 62%
XYZ	26.9886, 23.1707, 35.3977
YIQ	135.6940, 10.4500, 19.8740

Conversions

Conversions Part 2

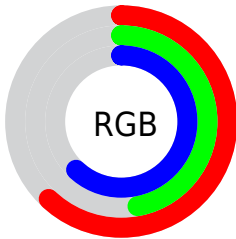
Format	Color
RYB	158, 120, 158
Decimal	10385566
CIELab	55.25, 21.54, -14.68
CIELCh	55, 26.063, 325.719
Yxy	23.1707, 0.3154, 0.2708
Android (android.graphics.Color)	4288575646 (0xFF9E789E)
YUV	135.6940, 10.9969, 19.5624
Hunter-Lab	48.1360, 15.8425, -9.9049

Details

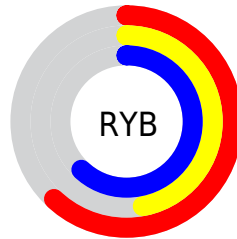
The XYZ color **26.9886, 23.1707, 35.3977** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.3637, 29.8036, 22.2919**, and the grayscale version is **23.2455, 24.4561, 26.6327**.

A 20% lighter version of the original color is **54.3944, 48.8374, 69.5105**, and **10.8509, 8.6322, 15.0042** is the 20% darker color. If you saturate the color by 10%, you get **25.2432, 19.6795, 34.8161**, and if you desaturate by 10%, it is **29.0490, 27.2910, 36.0848**.

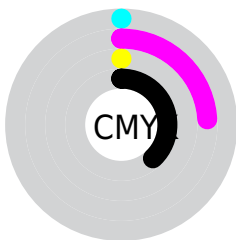
Distribution



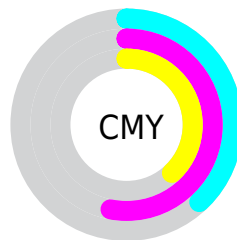
- Red (62%)
- Green (47%)
- Blue (62%)



- Red (62%)
- Yellow (47%)
- Blue (62%)



- Cyan (0%)
- Magenta (24%)
- Yellow (0%)
- Black (38%)



- Cyan (38%)
- Magenta (53%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9886, 23.1707, 35.3977 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 26.9886, 23.1707, 35.3977 by changing the saturation by 10% instead.

■ 26.9886, 23.1707,
35.3977

■ 26.9886, 23.1707,
35.3977

279.7705,
268.6005, 341.2777

■ 17.7012, 14.7196,
23.6834

■ 54.2856, 48.6735,
69.2600

■ 10.8341, 8.6228,
14.8889

■ 73.0259, 66.4939,
92.2450

■ 6.0218, 4.4960,
8.5957

■ 95.6479, 88.2063,
119.8240

■ 2.8991, 1.9547,
4.3852

122.5169,
114.1949, 152.4155

■ 1.1007, 0.5810,
1.8390

153.9983,
144.8443, 190.4381

■ 0.0257, 0.0000,
0.4535

190.4575,

■ 0.0000, 0.0000,

180.5388, 234.3103

0.0000

232.2597,
221.6627, 284.4507

■ 26.9886, 23.1707,
35.3977

■ 26.9886, 23.1707,
35.3977

■ 25.2432, 19.6795,
34.8161

■ 29.0490, 27.2910,
36.0848

■ 23.7953, 16.7837,
34.3334

■ 31.4365, 32.0660,
36.8807

■ 22.6289, 14.4510,
33.9446

■ 34.1653, 37.5236,
37.7904

■ 21.7258, 12.6447,
33.6435

■ 37.2481, 43.6892,
38.8180

■ 21.0654, 11.3239,
33.4233

■ 40.6969, 50.5867,
39.9677

■ 20.6243, 10.4418,
33.2762

■ 44.5231, 58.2392,
41.2431

■ 20.3744, 9.9420,
33.1928

■ 48.7378, 66.6686,
42.6481

■ 20.2723, 9.7378,
33.1588

■ 53.3515, 75.8959,
44.1860

■ 56.0325, 81.2579,
45.0798

Harmonies

Analogous

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



24.5470, 23.1707, 42.6380



26.9886, 23.1707, 35.3977



28.1010, 23.1707, 26.4467

Triad

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



26.9886, 23.1707, 35.3977



22.4443, 23.1707, 12.3646



17.3479, 23.1707, 32.8589

Complementary

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



26.9886, 23.1707, 35.3977



23.3637, 29.8036, 22.2919

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.



16.8915, 23.1707, 24.0492



26.9886, 23.1707, 35.3977



19.6783, 23.1707, 13.3508

Square

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



26.9886, 23.1707, 35.3977



25.3346, 23.1707, 14.1504



17.7073, 23.1707, 17.2220



19.0134, 23.1707, 40.9598

Rectangle

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



26.9886, 23.1707, 35.3977



27.8734, 23.1707, 21.1237



17.7073, 23.1707, 17.2220



17.0546, 23.1707, 29.8344

Sweetspot

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



26.9893, 23.1717, 35.3982



55.6838, 55.4231, 66.5063



20.6348, 19.8959, 35.1010



12.4996, 12.3865, 14.9757



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.



26.9893, 23.1717, 35.3982



47.1935, 38.4426, 63.6759



25.4781, 22.5672, 27.4401



6.9042, 6.7546, 8.3465



16.2358, 7.7989, 26.5564



0.2903, 0.1394, 0.4748

Inverse Universe

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



26.9893, 23.1717, 35.3982



47.1935, 38.4426, 63.6759



24.6337, 30.3116, 28.9794



6.9042, 6.7546, 8.3465



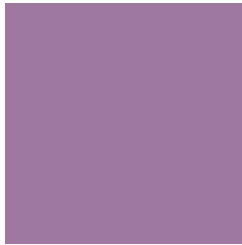
16.2358, 7.7989, 26.5564



0.2903, 0.1394, 0.4748

Previews

White Background



This preview shows how the XYZ color 26.9886, 23.1707, 35.3977 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 26.9886, 23.1707, 35.3977 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 26.9886, 23.1707, 35.3977

Background



This preview shows how black text looks on a background with the XYZ color 26.9886, 23.1707, 35.3977.



This preview shows how white text looks on a background with the XYZ color 26.9886, 23.1707,

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

26.9886, 23.1707, 35.3977

Protanopia

23.3114, 23.2709, 39.3395

Deuteranopia

23.6825, 23.1691, 34.6764



Tritanopia

25.0283, 23.1051, 25.6949

Trichromacy



Original Color

26.9886, 23.1707, 35.3977

Protanomaly

24.3536, 23.0573, 37.8173

Deuteranomaly

24.8744, 23.1957, 35.0645

Tritanomaly

25.7512, 23.2170, 29.1107

Monochromacy



Original Color

26.9886, 23.1707, 35.3977

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.5183, 23.9082, 29.7080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9886, 23.1707, 35.3977 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(158, 120, 158)` looks like.

```
.text, #text, p{  
    color:rgb(158, 120, 158)  
}
```

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(158, 120, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 120, 158) }
```

Border

The CSS property to change the border of an element to XYZ 26.9886, 23.1707, 35.3977 is called "border". The border property can be set on classes, ids or directly on the HTML element.

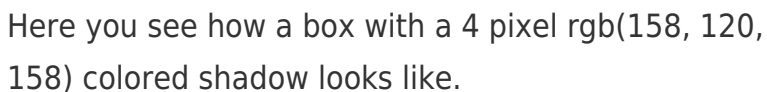
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 120, 158) }
```


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

```
.border{ border-color:rgb(158, 120, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 120, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 120, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 120, 158); box-shadow:4px 4px 4px 4px rgb(158, 120, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9886, 23.1707, 35.3977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 120, 158) }
```

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

```
.background{ background-color: rgb(158,  
120, 158) }
```

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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