

Converting Colors

XYZ(28.9230, 26.2366, 33.6362)

Have a look what the booklet for
XYZ(28.9230, 26.2366, 33.6362)
contains.

XYZ(28.9703, 26.3190, 33.6902)	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(28.9703, 26.3190,
33.6902)**

Conversions

Conversions Part 1

Format	Color
Hex	A38399
RGB	163, 131, 153
RGB Percent	64%, 51%, 60%
CMY	0.3608, 0.4863, 0.4000
CMYK	0.00, 0.20, 0.06, 0.36
HSL	319°, 15%, 58%
HSV	319°, 20%, 64%
XYZ	28.9703, 26.3190, 33.6902
YIQ	143.0760, 12.0100, 13.6260

Conversions

Conversions Part 2

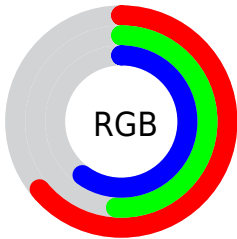
Format	Color
R _Y B	163, 131, 153
Decimal	10716057
CIE Lab	58.34, 16.07, -7.10
CIE LCh	58, 17.567, 336.151
Yxy	26.3190, 0.3256, 0.2958
Android (android.graphics.Color)	4288906137 (0xFFFA38399)
YUV	143.0760, 4.8925, 17.4733
Hunter-Lab	51.3020, 11.0205, -3.0245

Details

The XYZ color **28.9703, 26.3190, 33.6902** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **27.2660, 32.9435, 30.1224**, and the grayscale version is **26.1171, 27.4772, 29.9227**.

A 20% lighter version of the original color is **57.3164, 53.6914, 66.3741**, and **11.8962, 10.2237, 13.9167** is the 20% darker color. If you saturate the color by 10%, you get **26.5393, 22.1158, 30.8483**, and if you desaturate by 10%, it is **31.7652, 31.2206, 36.7427**.

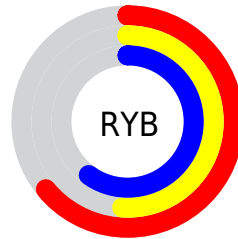
Distribution



Red (64%)

Green (51%)

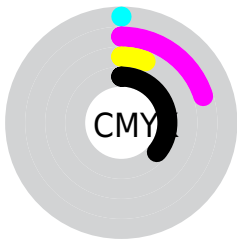
Blue (60%)



Red (64%)

Yellow (51%)

Blue (60%)

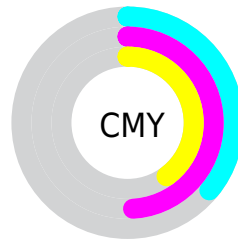


Cyan (0%)

Magenta (20%)

Yellow (6%)

Black (36%)



Cyan (36%)

Magenta (49%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9703, 26.3190, 33.6902 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 28.9703, 26.3190, 33.6902 by changing the saturation by 10% instead.

■ 28.9703, 26.3190,
33.6902

■ 28.9703, 26.3190,
33.6902

289.0715,
284.3445, 333.4753

■ 19.2025, 17.0624,
22.3803

■ 57.4278, 53.7891,
66.5800

■ 11.9216, 10.2790,
13.9356

■ 76.8482, 72.7715,
88.9969

■ 6.7621, 5.5843,
7.9376

■ 100.2169, 95.7646,
115.9533

■ 3.3588, 2.5940,
3.9679

127.8992,
123.1527, 147.8676

■ 1.3462, 0.9237,
1.6077

160.2604,
155.3204, 185.1585

■ 0.2174, 0.0000,
0.2963

197.6660,

■ 0.0000, 0.0000,

192.6520, 228.2443

0.0000

240.4812,
235.5319, 277.5438

■ 28.9703, 26.3190,
33.6902

■ 28.9703, 26.3190,
33.6902

■ 26.5393, 22.1158,
30.8483

■ 31.7652, 31.2206,
36.7427

■ 24.4537, 18.5752,
28.2088

■ 34.9369, 36.8471,
40.0101

■ 22.6966, 15.6637,
25.7652

■ 38.5006, 43.2281,
43.4991

■ 21.2489, 13.3432,
23.5100

■ 42.4698, 50.3904,
47.2149

■ 20.0893, 11.5717,
21.4350

■ 46.8575, 58.3594,
51.1631

■ 19.1939, 10.3016,
19.5311

■ 51.6759, 67.1595,
55.3487

■ 18.5344, 9.4769,
17.7875

■ 56.9368, 76.8139,
59.7766

■ 18.0494, 8.9751,
16.1827

■ 60.5744, 83.1906,
63.7592

■ 18.0323, 8.9578,
16.1251

■ 61.1556, 83.4231,
66.8197

Harmonies

Analogous

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



27.5219, 26.3190, 39.2634



28.9703, 26.3190, 33.6902



29.3331, 26.3190, 27.4129

Triad

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



28.9703, 26.3190, 33.6902



24.5772, 26.3190, 18.4655



21.8381, 26.3190, 36.1851

Complementary

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



28.9703, 26.3190, 33.6902



27.2660, 32.9435, 30.1224

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.



21.1437, 26.3190, 29.9380



28.9703, 26.3190, 33.6902



22.6660, 26.3190, 20.1565

Square

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



28.9703, 26.3190, 33.6902



26.7162, 26.3190, 19.1744



21.4379, 26.3190, 24.1517



23.3884, 26.3190, 40.8414

Rectangle

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



28.9703, 26.3190, 33.6902



28.8934, 26.3190, 23.7711



21.4379, 26.3190, 24.1517



21.5010, 26.3190, 34.1702

Sweetspot

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



28.9711, 26.3202, 33.6908



58.8087, 59.3078, 67.8171



25.6448, 24.5059, 38.0292



13.1319, 13.1853, 15.1521



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



28.9711, 26.3202, 33.6908



49.7082, 43.3591, 57.8396



27.7656, 25.8380, 27.3426



7.2696, 7.1643, 8.4063



14.0354, 6.9702, 12.6431



0.3147, 0.1544, 0.3698

Inverse Universe

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



28.9711, 26.3202, 33.6908



49.7082, 43.3591, 57.8396



28.5098, 33.4410, 36.6723



7.2696, 7.1643, 8.4063



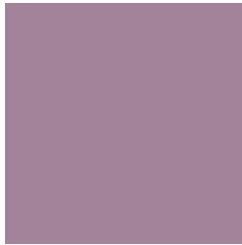
14.0354, 6.9702, 12.6431



0.3147, 0.1544, 0.3698

Previews

White Background



This preview shows how the XYZ color 28.9703, 26.3190, 33.6902 looks on a white background.

Color Contrast Check

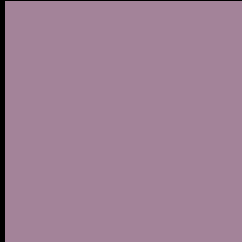
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9703, 26.3190, 33.6902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

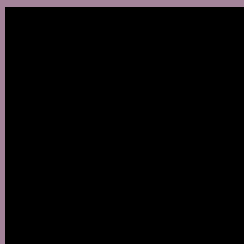
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.9703, 26.3190, 33.6902

Background



This preview shows how black text looks on a background with the XYZ color 28.9703, 26.3190, 33.6902.



This preview shows how white text looks on a background with the XYZ color 28.9703, 26.3190,

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

28.9703, 26.3190, 33.6902

Protanopia

25.8854, 26.3371, 36.0670

Deuteranopia

26.8661, 26.2649, 33.3594



Tritanopia

28.2457, 26.4396, 29.6012

Trichromacy



Original Color

28.9703, 26.3190, 33.6902

Protanomaly

26.8375, 26.2117, 35.0974

Deuteranomaly

27.5190, 26.1872, 33.3100

Tritanomaly

28.4180, 26.2905, 31.1805

Monochromacy



Original Color

28.9703, 26.3190, 33.6902

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.0768, 27.0559, 31.3990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9703, 26.3190, 33.6902 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(163, 131, 153)` looks like.

```
.text, #text, p{  
    color:rgb(163, 131, 153)  
}
```

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(163, 131, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 131, 153) }
```

Border

The CSS property to change the border of an element to XYZ 28.9703, 26.3190, 33.6902 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(163, 131, 153) }
```


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

```
.border{ border-color:rgb(163, 131, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 131, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 131, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 131, 153);  
box-shadow:4px 4px 4px 4px rgb(163, 131,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9703, 26.3190, 33.6902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 131, 153) }
```

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

```
.background{ background-color: rgb(163,  
131, 153) }
```

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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