

Converting Colors

XYZ(25.2245, 20.8482, 28.5301)

Have a look what the booklet for
XYZ(25.2245, 20.8482, 28.5301)
contains.

XYZ(25.3403, 20.9291, 28.6907)	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(25.3403, 20.9291,
28.6907)**

Conversions

Conversions Part 1

Format	Color
Hex	A16F8F
RGB	161, 111, 143
RGB Percent	63%, 44%, 56%
CMY	0.3686, 0.5647, 0.4392
CMYK	0.00, 0.31, 0.11, 0.37
HSL	322°, 21%, 53%
HSV	322°, 31%, 63%
XYZ	25.3403, 20.9291, 28.6907
YIQ	129.5980, 19.5280, 20.5520

Conversions

Conversions Part 2

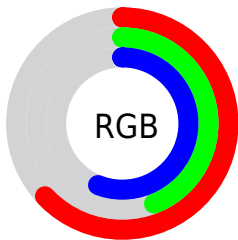
Format	Color
R_{YB}	161, 111, 143
Decimal	10579855
CIE _{Lab}	52.87, 24.94, -9.48
CIE _{LCh}	53, 26.684, 339.200
Yxy	20.9291, 0.3381, 0.2792
Android (android.graphics.Color)	4288769935 (0xFFA16F8F)
YUV	129.5980, 6.6072, 27.5396
Hunter-Lab	45.7483, 18.8127, -5.1594

Details

The XYZ color **25.3403, 20.9291, 28.6907** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.2637, 30.4548, 25.4225**, and the grayscale version is **21.0494, 22.1456, 24.1166**.

A 20% lighter version of the original color is **51.4941, 44.8245, 58.7613**, and **9.8828, 7.4237, 11.2680** is the 20% darker color. If you saturate the color by 10%, you get **23.3117, 17.5562, 25.9038**, and if you desaturate by 10%, it is **27.7095, 24.9462, 31.7035**.

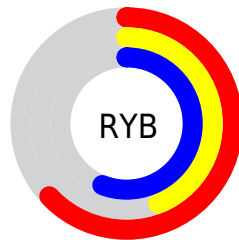
Distribution



Red (63%)

Green (44%)

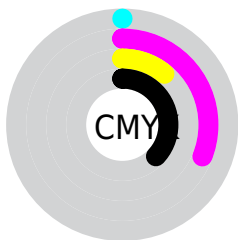
Blue (56%)



Red (63%)

Yellow (44%)

Blue (56%)

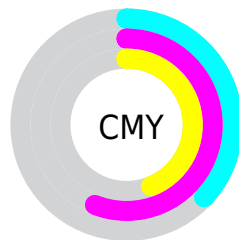


Cyan (0%)

Magenta (31%)

Yellow (11%)

Black (37%)



Cyan (37%)

Magenta (56%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3403, 20.9291, 28.6907 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 25.3403, 20.9291, 28.6907 by changing the saturation by 10% instead.

■ 25.3403, 20.9291,
28.6907

■ 25.3403, 20.9291,
28.6907

271.8449,
256.9015, 309.7679

■ 16.4609, 13.0722,
18.6034

■ 51.6477, 44.9695,
58.6216

■ 9.9438, 7.4783,
11.2102

■ 69.8063, 61.9218,
79.3023

■ 5.4237, 3.7630,
6.0924

■ 91.7887, 82.6747,
104.3512

■ 2.5352, 1.5419,
2.8317

■ 117.9603,
107.6125, 134.1869

■ 0.9130, 0.3179,
1.0093

148.6863,
137.1197, 169.2279

■ 0.0000, 0.0000,
0.0000

184.3322,

171.5807, 209.8927

225.2633,
211.3798, 256.5998

■ 25.3403, 20.9291,
28.6907

■ 25.3403, 20.9291,
28.6907

■ 23.3117, 17.5562,
25.9038

■ 27.7095, 24.9462,
31.7035

■ 21.6044, 14.7906,
23.3341

■ 30.4335, 29.6363,
34.9480

■ 20.2001, 12.5958,
20.9740

■ 33.5279, 35.0299,
38.4311

■ 19.0778, 10.9302,
18.8147

■ 37.0069, 41.1547,
42.1592

■ 18.2135, 9.7467,
16.8464

■ 40.8838, 48.0369,
46.1383

■ 17.5792, 8.9896,
15.0580

■ 45.1713, 55.7017,
50.3740

■ 17.1481, 8.5572,
13.5895

■ 49.8817, 64.1726,
54.8720

■ 55.0264, 73.4725,
59.6375

■ 60.3275, 83.0449,
64.5794

Harmonies

Analogous

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



23.4791, 20.9291, 36.8873



25.3403, 20.9291, 28.6907



25.6715, 20.9291, 20.4193

Triad

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



25.3403, 20.9291, 28.6907



19.0471, 20.9291, 10.7383



16.0183, 20.9291, 33.9423

Complementary

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



25.3403, 20.9291, 28.6907



23.2637, 30.4548, 25.4225

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.



15.0532, 20.9291, 25.3337



25.3403, 20.9291, 28.6907



16.6911, 20.9291, 12.8357

Square

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



25.3403, 20.9291, 28.6907



21.8588, 20.9291, 11.2324



15.2874, 20.9291, 17.7565



18.0477, 20.9291, 40.3780

Rectangle

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



25.3403, 20.9291, 28.6907



24.9521, 20.9291, 16.0850



15.2874, 20.9291, 17.7565



15.5677, 20.9291, 31.1348

Sweetspot

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



25.3409, 20.9300, 28.6911



55.4963, 54.7983, 63.7311



21.0959, 18.5712, 36.1913



12.0118, 11.7415, 13.7940



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.



25.3409, 20.9300, 28.6911



42.9037, 33.3464, 48.0237



23.6830, 20.2669, 19.9605



7.2556, 7.1587, 8.3322



13.7155, 6.8423, 10.9585



0.3095, 0.1523, 0.3427

Inverse Universe

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



25.3409, 20.9300, 28.6911



42.9037, 33.3464, 48.0237



25.0923, 31.1863, 35.0515



7.2556, 7.1587, 8.3322



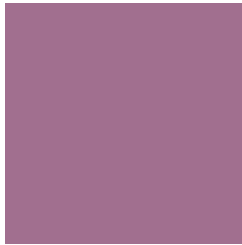
13.7155, 6.8423, 10.9585



0.3095, 0.1523, 0.3427

Previews

White Background



This preview shows how the XYZ color 25.3403, 20.9291, 28.6907 looks on a white background.

Color Contrast Check

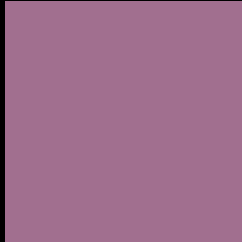
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3403, 20.9291, 28.6907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

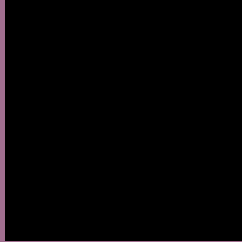
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.3403, 20.9291, 28.6907

Background



This preview shows how black text looks on a background with the XYZ color 25.3403, 20.9291, 28.6907.



This preview shows how white text looks on a background with the XYZ color 25.3403, 20.9291,

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

25.3403, 20.9291, 28.6907

Protanopia

20.9685, 21.0321, 33.0914

Deuteranopia

21.4064, 20.9945, 28.1234



Tritanopia

24.0040, 21.0625, 21.5392

Trichromacy



Original Color

25.3403, 20.9291, 28.6907

Protanomaly

22.2946, 20.8371, 31.2807

Deuteranomaly

22.8070, 20.9863, 28.4399

Tritanomaly

24.5438, 21.1199, 23.9020

Monochromacy



Original Color

25.3403, 20.9291, 28.6907

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.4406, 21.5779, 25.9039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3403, 20.9291, 28.6907 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(161, 111, 143)` looks like.

```
.text, #text, p{  
    color:rgb(161, 111, 143)  
}
```

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(161, 111, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 111, 143) }
```

Border

The CSS property to change the border of an element to XYZ 25.3403, 20.9291, 28.6907 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(161, 111, 143) }
```


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

```
.border{ border-color:rgb(161, 111, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 111, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 111, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 111, 143);  
box-shadow:4px 4px 4px 4px rgb(161, 111,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3403, 20.9291, 28.6907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 111, 143) }
```

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

```
.background{ background-color: rgb(161,  
111, 143) }
```

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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