

Converting Colors

XYZ(25.3549, 20.5897, 29.8320)

Have a look what the booklet for
XYZ(25.3549, 20.5897, 29.8320)
contains.

XYZ(25.3549, 20.5897, 29.8320)	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(25.3549, 20.5897,
29.8320)**

Conversions

Conversions Part 1

Format	Color
Hex	A16D92
RGB	161, 109, 146
RGB Percent	63%, 43%, 57%
CMY	0.3686, 0.5725, 0.4274
CMYK	0.00, 0.32, 0.09, 0.37
HSL	317°, 22%, 53%
HSV	317°, 32%, 63%
XYZ	25.3549, 20.5897, 29.8320
YIQ	128.7660, 19.1150, 22.5310

Conversions

Conversions Part 2

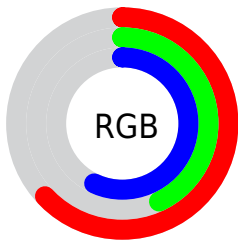
Format	Color
R _Y B	161, 109, 146
Decimal	10579346
CIE Lab	52.50, 26.62, -11.80
CIE LCh	52, 29.118, 336.095
Yxy	20.5897, 0.3346, 0.2717
Android (android.graphics.Color)	4288769426 (0xFFA16D92)
YUV	128.7660, 8.4964, 28.2692
Hunter-Lab	45.3759, 20.3335, -7.2166

Details

The XYZ color **25.3549, 20.5897, 29.8320** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.6905, 30.1968, 23.7028**, and the grayscale version is **20.7515, 21.8322, 23.7753**.

A 20% lighter version of the original color is **51.7855, 44.4116, 60.4865**, and **9.8658, 7.2461, 11.7051** is the 20% darker color. If you saturate the color by 10%, you get **23.4383, 17.3227, 27.4468**, and if you desaturate by 10%, it is **27.6020, 24.4936, 32.4003**.

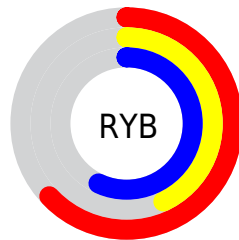
Distribution



Red (63%)

Green (43%)

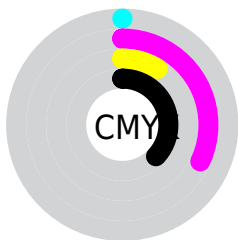
Blue (57%)



Red (63%)

Yellow (43%)

Blue (57%)

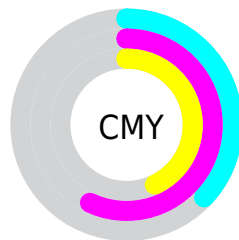


Cyan (0%)

Magenta (32%)

Yellow (9%)

Black (37%)



Cyan (37%)


Magenta (57%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3549, 20.5897, 29.8320 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 25.3549, 20.5897, 29.8320 by changing the saturation by 10% instead.


 25.3549, 20.5897,
29.8320


 25.3549, 20.5897,
29.8320


271.9159,
255.0899, 315.3035


 16.4718, 12.8244,
19.4601


 51.6711, 44.4037,
60.4543


 9.9516, 7.3078,
11.8231


 69.8350, 61.2212,
81.5417

 5.4289, 3.6553,
6.5022

 91.8232, 81.8248,
107.0382

 2.5384, 1.4827,
3.0791

 118.0010,
106.5991, 137.3621

 0.9146, 0.2765,
1.1352

148.7338,
135.9283, 172.9320

 0.0000, 0.0000,
0.0000

184.3870,

170.1969, 214.1666

225.3259,
209.7893, 261.4842

■ 25.3549, 20.5897,
29.8320

■ 25.3549, 20.5897,
29.8320

■ 23.4383, 17.3227,
27.4468

■ 27.6020, 24.4936,
32.4003

■ 21.8330, 14.6554,
25.2366

■ 30.1939, 29.0635,
35.1565

■ 20.5205, 12.5509,
23.1949

■ 33.1460, 34.3299,
38.1070

■ 19.4798, 10.9672,
21.3135

■ 36.4726, 40.3209,
41.2571

■ 18.6866, 9.8562,
19.5836

■ 40.1868, 47.0627,
44.6121

■ 18.1125, 9.1612,
17.9948

■ 44.3014, 54.5804,
48.1771

■ 17.7671, 8.8047,
16.8488

■ 48.8284, 62.8979,
51.9568

■ 53.7794, 72.0380,
55.9558

■ 59.1654, 82.0226,
60.1785

Harmonies

Analogous

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



23.1830, 20.5897, 38.6648



25.3549, 20.5897, 29.8320



25.9103, 20.5897, 20.7038

Triad

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



25.3549, 20.5897, 29.8320



18.9616, 20.5897, 9.6421



15.2542, 20.5897, 33.6754

Complementary

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



25.3549, 20.5897, 29.8320



22.6905, 30.1968, 23.7028

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.



14.3587, 20.5897, 24.2258



25.3549, 20.5897, 29.8320



16.3532, 20.5897, 11.5116

Square

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



25.3549, 20.5897, 29.8320



22.0112, 20.5897, 10.4192



14.7394, 20.5897, 16.3481



17.3161, 20.5897, 41.2525

Rectangle

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



25.3549, 20.5897, 29.8320



25.2439, 20.5897, 15.8872



14.7394, 20.5897, 16.3481



14.8170, 20.5897, 30.5322

Sweetspot

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



25.3555, 20.5906, 29.8324



55.1342, 53.9326, 64.0465



20.1763, 17.7769, 36.0864



11.9460, 11.5693, 13.8976



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.



25.3555, 20.5906, 29.8324



42.8013, 32.4185, 50.2192



23.5737, 19.8779, 20.4497



7.2768, 7.1672, 8.4440



14.2081, 7.0393, 13.5525



0.3174, 0.1554, 0.3840

Inverse Universe

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



25.3555, 20.5906, 29.8324



42.8013, 32.4185, 50.2192



24.5359, 30.9349, 33.4202



7.2768, 7.1672, 8.4440



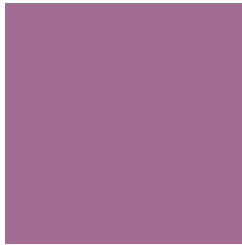
14.2081, 7.0393, 13.5525



0.3174, 0.1554, 0.3840

Previews

White Background



This preview shows how the XYZ color 25.3549, 20.5897, 29.8320 looks on a white background.

Color Contrast Check

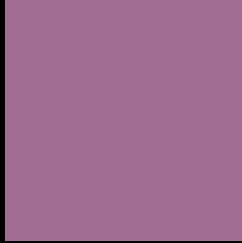
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3549, 20.5897, 29.8320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

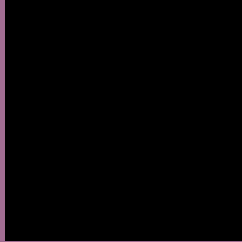
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.3549, 20.5897, 29.8320

Background



This preview shows how black text looks on a background with the XYZ color 25.3549, 20.5897, 29.8320.



This preview shows how white text looks on a background with the XYZ color 25.3549, 20.5897,

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

25.3549, 20.5897, 29.8320

Protanopia

20.6796, 20.6672, 34.3517

Deuteranopia

21.0468, 20.5998, 29.2524



Tritanopia

23.5185, 20.4845, 21.1267

Trichromacy



Original Color

25.3549, 20.5897, 29.8320

Protanomaly

22.0958, 20.5290, 32.5037

Deuteranomaly

22.4566, 20.4296, 29.5478

Tritanomaly

24.1890, 20.5980, 24.1736

Monochromacy



Original Color

25.3549, 20.5897, 29.8320

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.3172, 21.3311, 25.8627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3549, 20.5897, 29.8320 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, 109, 146)` looks like.

```
.text, #text, p{  
    color:rgb(161, 109, 146)  
}
```

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, 109, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 109, 146) }
```

Border

The CSS property to change the border of an element to XYZ 25.3549, 20.5897, 29.8320 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, 109, 146) }
```


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

```
.border{ border-color:rgb(161, 109, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 109, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 109, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 109, 146); box-shadow:4px 4px 4px 4px rgb(161, 109, 146) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3549, 20.5897, 29.8320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 109, 146) }
```

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

```
.background{ background-color: rgb(161,  
109, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor