

Converting Colors

XYZ(25.4645, 20.4669, 28.7475)

Have a look what the booklet for
XYZ(25.4645, 20.4669, 28.7475)
contains.

XYZ(25.4247, 20.4948, 28.6025)	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(25.4247, 20.4948,
28.6025)**

Conversions

Conversions Part 1

Format	Color
Hex	A36C8F
RGB	163, 108, 143
RGB Percent	64%, 42%, 56%
CMY	0.3608, 0.5765, 0.4392
CMYK	0.00, 0.34, 0.12, 0.36
HSL	322°, 23%, 53%
HSV	322°, 34%, 64%
XYZ	25.4247, 20.4948, 28.6025
YIQ	128.4350, 21.5450, 22.5450

Conversions

Conversions Part 2

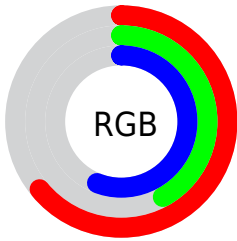
Format	Color
R _Y B	163, 108, 143
Decimal	10710159
CIE Lab	52.39, 27.37, -10.17
CIE LCh	52, 29.199, 339.613
Yxy	20.4948, 0.3412, 0.2750
Android (android.graphics.Color)	4288900239 (0xFFA36C8F)
YUV	128.4350, 7.1805, 30.3135
Hunter-Lab	45.2712, 21.0226, -5.7698

Details

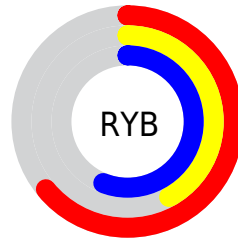
The XYZ color **25.4247, 20.4948, 28.6025** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.1786, 30.9415, 25.1740**, and the grayscale version is **20.6400, 21.7149, 23.6475**.

A 20% lighter version of the original color is **51.8623, 44.2329, 58.6277**, and **9.9702, 7.2332, 11.2266** is the 20% darker color. If you saturate the color by 10%, you get **23.4265, 17.1979, 25.7793**, and if you desaturate by 10%, it is **27.7693, 24.4458, 31.6587**.

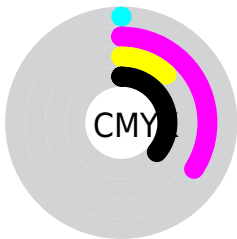
Distribution



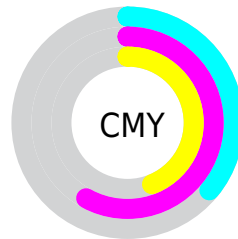
- Red (64%)
- Green (42%)
- Blue (56%)



- Red (64%)
- Yellow (42%)
- Blue (56%)



- Cyan (0%)
- Magenta (34%)
- Yellow (12%)
- Black (36%)



- Cyan (36%)
- Magenta (58%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4247, 20.4948, 28.6025 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 25.4247, 20.4948, 28.6025 by changing the saturation by 10% instead.

■ 25.4247, 20.4948,
28.6025

■ 25.4247, 20.4948,
28.6025

272.2552,
254.5813, 309.3368

■ 16.5242, 12.7552,
18.5373

■ 51.7833, 44.2452,
58.4796

■ 9.9890, 7.2602,
11.1630

■ 69.9721, 61.0248,
79.1286

■ 5.4539, 3.6254,
6.0611

■ 91.9877, 81.5866,
104.1426

■ 2.5534, 1.4663,
2.8129

■ 118.1955,
106.3149, 133.9401

■ 0.9223, 0.2648,
0.9999

148.9608,
135.5941, 168.9398

■ 0.0000, 0.0000,
0.0000

184.6489,

169.8087, 209.5601

225.6253,
209.3429, 256.2196

■ 25.4247, 20.4948,
28.6025

■ 25.4247, 20.4948,
28.6025

■ 23.4265, 17.1979,
25.7793

■ 27.7693, 24.4458,
31.6587

■ 21.7545, 14.5163,
23.1799

■ 30.4752, 29.0815,
34.9540

■ 20.3893, 12.4114,
20.7962

■ 33.5590, 34.4337,
38.4958

■ 19.3084, 10.8390,
18.6189

■ 37.0355, 40.5314,
42.2907

■ 18.4861, 9.7483,
16.6374

■ 40.9185, 47.4022,
46.3450

■ 17.8919, 9.0788,
14.8397

■ 45.2214, 55.0721,
50.6647

■ 17.5891, 8.7805,
13.7913

■ 49.9569, 63.5660,
55.2557

■ 55.1371, 72.9075,
60.1235

■ 60.7737, 83.1195,
65.2736

Harmonies

Analogous

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



23.4083, 20.4948, 37.6767



25.4247, 20.4948, 28.6025



25.7621, 20.4948, 19.6599

Triad

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



25.4247, 20.4948, 28.6025



18.5290, 20.4948, 9.6366



15.3522, 20.4948, 34.6415

Complementary

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



25.4247, 20.4948, 28.6025



23.1786, 30.9415, 25.1740

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.



14.3119, 20.4948, 25.1997



25.4247, 20.4948, 28.6025



16.0173, 20.4948, 11.8261

Square

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



25.4247, 20.4948, 28.6025



21.5664, 20.4948, 10.1042



14.5422, 20.4948, 17.0244



17.5321, 20.4948, 41.7398

Rectangle

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



25.4247, 20.4948, 28.6025



24.9576, 20.4948, 15.0853



14.5422, 20.4948, 17.0244



14.8684, 20.4948, 31.5500

Sweetspot

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



25.4253, 20.4957, 28.6029



56.4627, 55.3398, 64.8031



20.7640, 17.9018, 37.0115



12.5197, 12.1494, 14.3667



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.



25.4253, 20.4957, 28.6029



42.9651, 32.4518, 47.6418



23.6345, 19.7794, 19.1725



7.2545, 7.1582, 8.3265



13.6922, 6.8329, 10.8358



0.3092, 0.1522, 0.3407

Inverse Universe

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



25.4253, 20.4957, 28.6029



42.9651, 32.4518, 47.6418



25.1776, 31.7411, 35.7005



7.2545, 7.1582, 8.3265



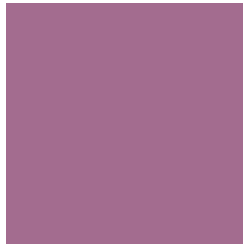
13.6922, 6.8329, 10.8358



0.3092, 0.1522, 0.3407

Previews

White Background



This preview shows how the XYZ color 25.4247, 20.4948, 28.6025 looks on a white background.

Color Contrast Check

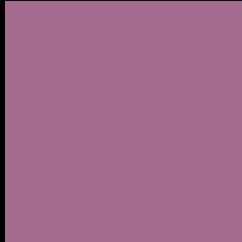
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4247, 20.4948, 28.6025 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 25.4247, 20.4948, 28.6025

Background



This preview shows how black text looks on a background with the XYZ color 25.4247, 20.4948, 28.6025.



This preview shows how white text looks on a background with the XYZ color 25.4247, 20.4948,

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

25.4247, 20.4948, 28.6025

Protanopia

20.6481, 20.6703, 33.4733

Deuteranopia

20.8991, 20.5583, 27.6776



Tritanopia

23.7426, 20.4424, 20.7836

Trichromacy



Original Color

25.4247, 20.4948, 28.6025

Protanomaly

21.9751, 20.3098, 31.6161

Deuteranomaly

22.3243, 20.3965, 27.9596

Tritanomaly

24.3448, 20.5309, 23.4486

Monochromacy



Original Color

25.4247, 20.4948, 28.6025

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.0555, 21.0309, 25.0872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4247, 20.4948, 28.6025 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, 108, 143)` looks like.

```
.text, #text, p{  
    color:rgb(163, 108, 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(163, 108, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 108, 143) }
```

Border

The CSS property to change the border of an element to XYZ 25.4247, 20.4948, 28.6025 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, 108, 143) }
```


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

```
.border{ border-color:rgb(163, 108, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 108, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 108, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 108, 143);  
box-shadow:4px 4px 4px 4px rgb(163, 108,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4247, 20.4948, 28.6025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 108, 143) }
```

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

```
.background{ background-color: rgb(163,  
108, 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](#).

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