

Converting Colors

XYZ(29.5093, 25.3528, 28.7339)

Have a look what the booklet for
XYZ(29.5093, 25.3528, 28.7339)
contains.

XYZ(29.5457, 25.3670, 28.9303)	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(29.5457, 25.3670,
28.9303)**

Conversions

Conversions Part 1

Format	Color
Hex	AE7C8E
RGB	174, 124, 142
RGB Percent	68%, 49%, 56%
CMY	0.3176, 0.5137, 0.4431
CMYK	0.00, 0.29, 0.18, 0.32
HSL	338°, 24%, 58%
HSV	338°, 29%, 68%
XYZ	29.5457, 25.3670, 28.9303
YIQ	141.0020, 24.0220, 16.1980

Conversions

Conversions Part 2

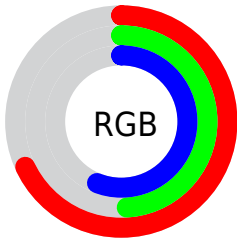
Format	Color
RYB	174, 124, 142
Decimal	11435150
CIELab	57.43, 22.19, -1.97
CIELCh	57, 22.279, 354.925
Yxy	25.3670, 0.3524, 0.3026
Android (android.graphics.Color)	4289625230 (0xFFAE7C8E)
YUV	141.0020, 0.4920, 28.9392
Hunter-Lab	50.3657, 16.5725, 1.1995

Details

The XYZ color **29.5457, 25.3670, 28.9303** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.4501, 36.9581, 37.0357**, and the grayscale version is **25.3104, 26.6285, 28.9984**.

A 20% lighter version of the original color is **58.3191, 52.2528, 59.2366**, and **12.3330, 9.8698, 11.3803** is the 20% darker color. If you saturate the color by 10%, you get **26.7597, 21.0668, 24.0804**, and if you desaturate by 10%, it is **32.8014, 30.4725, 34.3496**.

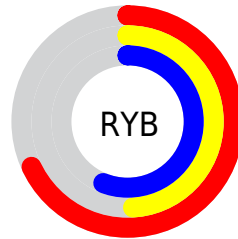
Distribution



Red (68%)

Green (49%)

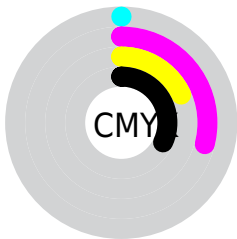
Blue (56%)



Red (68%)

Yellow (49%)

Blue (56%)

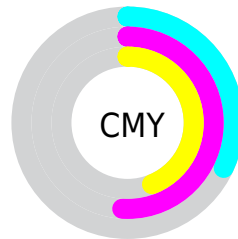


Cyan (0%)

Magenta (29%)

Yellow (18%)

Black (32%)



Cyan (32%)

Magenta (51%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5457, 25.3670, 28.9303 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 29.5457, 25.3670, 28.9303 by changing the saturation by 10% instead.

■ 29.5457, 25.3670,
28.9303

■ 29.5457, 25.3670,
28.9303

291.7291,
279.6607, 310.9366

■ 19.6404, 16.3507,
18.7830

■ 58.3346, 52.2520,
59.0072

■ 12.2406, 9.7727,
11.3383

■ 77.9488, 70.8894,
79.7738

■ 6.9811, 5.2485,
6.1779

■ 101.5301, 93.5028,
104.9173

■ 3.4965, 2.3938,
2.8830

129.4437,
120.4763, 134.8562

■ 1.4215, 0.8227,
1.0352

162.0551,
152.1945, 170.0091

■ 0.2714, 0.0000,
0.0000

199.7295,

■ 0.0000, 0.0000,

189.0417, 210.7944

0.0000

242.8324,
231.4023, 257.6307

■ 29.5457, 25.3670,
28.9303

■ 29.5457, 25.3670,
28.9303

■ 26.7597, 21.0668,
24.0804

■ 32.8014, 30.4725,
34.3496

■ 24.4187, 17.5270,
19.7787

■ 36.5459, 36.4181,
40.3553

■ 22.4987, 14.7035,
16.0050


■ 40.7995, 43.2410,
46.9655


■ 20.9726, 12.5464,
12.7368


■ 45.5809, 50.9751,
54.1972


■ 19.8099, 10.9991,
9.9502


■ 50.9078, 59.6523,
62.0665


 18.9751, 9.9957,
7.6183

 56.7971, 69.3031,
70.5891

 18.4062, 9.4172,
5.7046

 63.2648, 79.9566,
79.7799

 18.3426, 9.3535,
5.4876

 67.6529, 86.2936,
88.7623

 69.2775, 86.9435,
97.3175

Harmonies

Analogous

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



28.5219, 25.3670, 36.8750



29.5457, 25.3670, 28.9303



29.0286, 25.3670, 21.9199

Triad

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



29.5457, 25.3670, 28.9303



22.0280, 25.3670, 16.3954



21.3017, 25.3670, 41.3544

Complementary

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



29.5457, 25.3670, 28.9303



29.4501, 36.9581, 37.0357

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.



19.7820, 25.3670, 34.2322



29.5457, 25.3670, 28.9303



20.1793, 25.3670, 20.0602

Square

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



29.5457, 25.3670, 28.9303



24.5637, 25.3670, 15.4936



19.3866, 25.3670, 26.3506



23.6630, 25.3670, 44.8385

Rectangle

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



29.5457, 25.3670, 28.9303



27.8979, 25.3670, 18.5501



19.3866, 25.3670, 26.3506



20.6825, 25.3670, 39.2497

Sweetspot

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



29.5464, 25.3682, 28.9308



65.9824, 65.5671, 72.7139



28.4945, 24.5073, 43.2732



14.4379, 14.2104, 15.8013



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



29.5464, 25.3682, 28.9308



50.5272, 41.2643, 47.1912



29.1662, 26.5983, 22.6670



8.1199, 8.0612, 8.9423



13.3302, 6.7946, 4.1181



0.3975, 0.1997, 0.2548

Inverse Universe

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



29.5464, 25.3682, 28.9308



50.5272, 41.2643, 47.1912



29.8329, 35.1015, 45.2475



8.1199, 8.0612, 8.9423



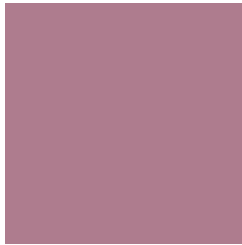
13.3302, 6.7946, 4.1181



0.3975, 0.1997, 0.2548

Previews

White Background



This preview shows how the XYZ color 29.5457, 25.3670, 28.9303 looks on a white background.

Color Contrast Check

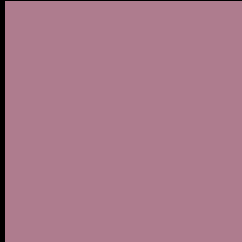
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5457, 25.3670, 28.9303 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 29.5457, 25.3670, 28.9303

Background



This preview shows how black text looks on a background with the XYZ color 29.5457, 25.3670, 28.9303.



This preview shows how white text looks on a background with the XYZ color 29.5457, 25.3670,

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

29.5457, 25.3670, 28.9303

Protanopia

24.7672, 25.4117, 32.4537

Deuteranopia

26.0212, 25.5230, 28.3659



Tritanopia

28.9404, 25.3007, 26.2799

Trichromacy



Original Color

29.5457, 25.3670, 28.9303

Protanomaly

26.0954, 25.0931, 31.0718

Deuteranomaly

27.0884, 25.2593, 28.6471

Tritanomaly

29.1546, 25.3864, 27.4082

Monochromacy



Original Color

29.5457, 25.3670, 28.9303

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.6086, 26.0233, 28.8199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5457, 25.3670, 28.9303 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(174, 124, 142)` looks like.

```
.text, #text, p{  
    color:rgb(174, 124, 142)  
}
```

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(174, 124, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 124, 142) }
```

Border

The CSS property to change the border of an element to XYZ 29.5457, 25.3670, 28.9303 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(174, 124, 142) }
```


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

```
.border{ border-color:rgb(174, 124, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 124, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 124, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 124, 142);  
box-shadow:4px 4px 4px 4px rgb(174, 124,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5457, 25.3670, 28.9303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 124, 142) }
```

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

```
.background{ background-color: rgb(174,  
124, 142) }
```

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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