

Converting Colors

XYZ(28.4649, 24.3791, 28.6899)

Have a look what the booklet for
XYZ(28.4649, 24.3791, 28.6899)
contains.

XYZ(28.6366, 24.5300, 28.8166)	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(28.6366, 24.5300,
28.8166)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7A8E
RGB	171, 122, 142
RGB Percent	67%, 48%, 56%
CMY	0.3294, 0.5216, 0.4431
CMYK	0.00, 0.29, 0.17, 0.33
HSL	336°, 23%, 57%
HSV	336°, 29%, 67%
XYZ	28.6366, 24.5300, 28.8166
YIQ	138.9310, 22.7840, 16.6080

Conversions

Conversions Part 2

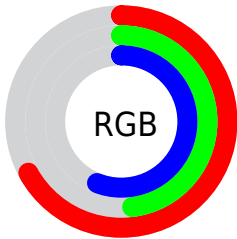
Format	Color
R_{YB}	171, 122, 142
Decimal	11238030
CIE Lab	56.61, 22.20, -3.21
CIE LCh	57, 22.432, 351.773
Yxy	24.5300, 0.3493, 0.2992
Android (android.graphics.Color)	4289428110 (0xFFAB7A8E)
YUV	138.9310, 1.5130, 28.1245
Hunter-Lab	49.5278, 16.5338, 0.1729

Details

The XYZ color **28.6366, 24.5300, 28.8166** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.1759, 35.4984, 34.6467**, and the grayscale version is **24.5029, 25.7789, 28.0733**.

A 20% lighter version of the original color is **56.9723, 50.9764, 59.0612**, and **11.7855, 9.3893, 11.3164** is the 20% darker color. If you saturate the color by 10%, you get **25.9931, 20.4043, 24.3551**, and if you desaturate by 10%, it is **31.7199, 29.4245, 33.7658**.

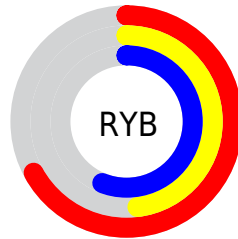
Distribution



Red (67%)

Green (48%)

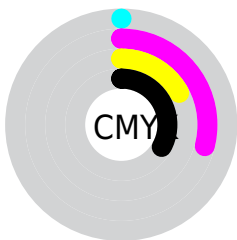
Blue (56%)



Red (67%)

Yellow (48%)

Blue (56%)

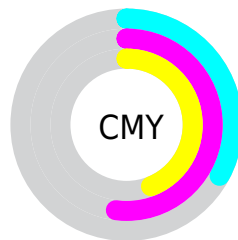


Cyan (0%)

Magenta (29%)

Yellow (17%)

Black (33%)



Cyan (33%)


Magenta (52%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.6366, 24.5300, 28.8166 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 28.6366, 24.5300, 28.8166 by changing the saturation by 10% instead.

 28.6366, 24.5300,
28.8166


 28.6366, 24.5300,
28.8166


287.5217,
275.4891, 310.3825


 18.9490, 15.7272,
18.6977

 56.9008, 50.8937,
58.8243

 11.7372, 9.3313,
11.2775


 76.2081, 69.2235,
79.5502

 6.6359, 4.9579,
6.1373


 99.4526, 91.4976,
104.6488

 3.2798, 2.2226,
2.8586

126.9998,
118.1007, 134.5388

 1.3034, 0.7323,
1.0229

159.2149,
149.4170, 169.6386

 0.1857, 0.0000,
0.0000

196.4633,

 0.0000, 0.0000,

185.8309, 210.3668

0.0000

239.1105,
227.7268, 257.1419

■ 28.6366, 24.5300,
28.8166

■ 28.6366, 24.5300,
28.8166

■ 25.9931, 20.4043,
24.3551

■ 31.7199, 29.4245,
33.7658

■ 23.7663, 17.0045,
20.3636

■ 35.2607, 35.1209,
39.2164

■ 21.9336, 14.2887,
16.8255

■ 39.2781, 41.6546,
45.1833

■ 20.4699, 12.2094,
13.7227

■ 43.7896, 49.0579,
51.6805

■ 19.3464, 10.7126,
11.0352

■ 48.8117, 57.3612,
58.7214

■ 18.5300, 9.7357,
8.7411

■ 54.3602, 66.5937,
66.3186

■ 17.9619, 9.1649,
6.8093

■ 60.4500, 76.7830,
74.4847

■ 17.8935, 9.0975,
6.5724

■ 65.8699, 85.5041,
82.8230

■ 67.2757, 86.0664,
90.2257

Harmonies

Analogous

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



27.4789, 24.5300, 36.6140



28.6366, 24.5300, 28.8166



28.2871, 24.5300, 21.7299

Triad

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



28.6366, 24.5300, 28.8166



21.5046, 24.5300, 15.4719



20.3486, 24.5300, 39.6489

Complementary

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



28.6366, 24.5300, 28.8166



28.1759, 35.4984, 34.6467

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.



18.9627, 24.5300, 32.3960



28.6366, 24.5300, 28.8166



19.5946, 24.5300, 18.7739

Square

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



28.6366, 24.5300, 28.8166



24.0398, 24.5300, 14.8708



18.6973, 24.5300, 24.7068



22.6050, 24.5300, 43.5865

Rectangle

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



28.6366, 24.5300, 28.8166



27.2570, 24.5300, 18.2411



18.6973, 24.5300, 24.7068



19.7727, 24.5300, 37.4600

Sweetspot

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



28.6373, 24.5311, 28.8171



62.8084, 62.3471, 69.7177



26.9965, 23.4001, 41.6221



13.7955, 13.5628, 15.2271



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.6373, 24.5311, 28.8171



48.3785, 39.3762, 46.7529



27.7798, 25.0073, 21.7765



8.1357, 8.0675, 9.0252



13.5138, 6.8681, 5.0853



0.4035, 0.2021, 0.2867

Inverse Universe

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



28.6373, 24.5311, 28.8171



48.3785, 39.3762, 46.7529



29.1810, 34.6854, 43.6853



8.1357, 8.0675, 9.0252



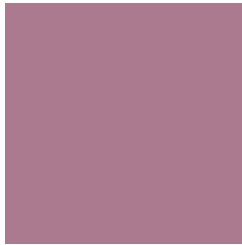
13.5138, 6.8681, 5.0853



0.4035, 0.2021, 0.2867

Previews

White Background



This preview shows how the XYZ color 28.6366, 24.5300, 28.8166 looks on a white background.

Color Contrast Check

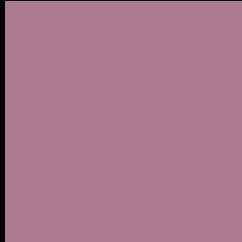
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6366, 24.5300, 28.8166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

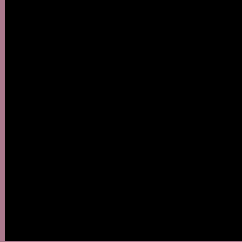
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.6366, 24.5300, 28.8166

Background



This preview shows how black text looks on a background with the XYZ color 28.6366, 24.5300, 28.8166.



This preview shows how white text looks on a background with the XYZ color 28.6366, 24.5300,

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

28.6366, 24.5300, 28.8166

Protanopia

24.0005, 24.5983, 32.3371

Deuteranopia

25.0175, 24.5990, 28.2405



Tritanopia

28.0189, 24.6548, 25.4724

Trichromacy



Original Color

28.6366, 24.5300, 28.8166

Protanomaly

25.2817, 24.2749, 30.9568

Deuteranomaly

26.2372, 24.4294, 28.5318

Tritanomaly

28.1045, 24.4895, 26.5382

Monochromacy



Original Color

28.6366, 24.5300, 28.8166

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.8837, 25.2478, 28.3200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6366, 24.5300, 28.8166 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(171, 122, 142)` looks like.

```
.text, #text, p{  
    color:rgb(171, 122, 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(171, 122, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 122, 142) }
```

Border

The CSS property to change the border of an element to XYZ 28.6366, 24.5300, 28.8166 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(171, 122, 142) }
```


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

```
.border{ border-color:rgb(171, 122, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 122, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 122, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 122, 142);  
box-shadow:4px 4px 4px 4px rgb(171, 122,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6366, 24.5300, 28.8166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 122, 142) }
```

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

```
.background{ background-color: rgb(171,  
122, 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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