

Converting Colors

XYZ(28.4870, 24.6732, 37.1634)

Have a look what the booklet for
XYZ(28.4870, 24.6732, 37.1634)
contains.

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Color

**XYZ(28.3386, 24.5656,
36.9662)**

Conversions

Conversions Part 1

Format	Color
Hex	A17CA1
RGB	161, 124, 161
RGB Percent	63%, 49%, 63%
CMY	0.3686, 0.5137, 0.3686
CMYK	0.00, 0.23, 0.00, 0.37
HSL	300°, 16%, 56%
HSV	300°, 23%, 63%
XYZ	28.3386, 24.5656, 36.9662
YIQ	139.2810, 10.1750, 19.3510

Conversions

Conversions Part 2

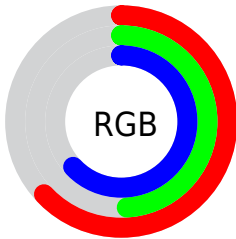
Format	Color
RYB	161, 124, 161
Decimal	10583201
CIELab	56.65, 20.88, -14.26
CIELCh	57, 25.290, 325.664
Yxy	24.5656, 0.3153, 0.2733
Android (android.graphics.Color)	4288773281 (0xFFA17CA1)
YUV	139.2810, 10.7075, 19.0476
Hunter-Lab	49.5637, 15.3229, -9.5258

Details

The XYZ color **28.3386, 24.5656, 36.9662** is a light color, and the websafe version is hex **996699**. A complement of this color would be **24.6961, 31.2308, 23.7967**, and the grayscale version is **24.6068, 25.8882, 28.1923**.

A 20% lighter version of the original color is **56.4357, 51.0011, 71.8355**, and **11.5831, 9.3875, 15.6695** is the 20% darker color. If you saturate the color by 10%, you get **26.4836, 20.8552, 36.3481**, and if you desaturate by 10%, it is **30.5245, 28.9370, 37.6952**.

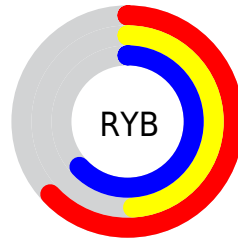
Distribution



Red (63%)

Green (49%)

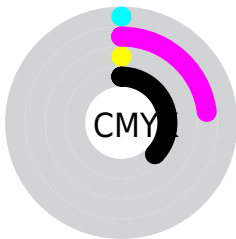
Blue (63%)



Red (63%)

Yellow (49%)

Blue (63%)

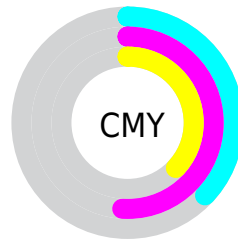


Cyan (0%)

Magenta (23%)

Yellow (0%)

Black (37%)



Cyan (37%)

Magenta (51%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3386, 24.5656, 36.9662 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 28.3386, 24.5656, 36.9662 by changing the saturation by 10% instead.

■ 28.3386, 24.5656,
36.9662

■ 28.3386, 24.5656,
36.9662

286.1322,
275.6676, 348.3284

■ 18.7228, 15.7537,
24.8857

■ 56.4295, 50.9516,
71.7065

■ 11.5730, 9.3500,
15.7737

■ 75.6352, 69.2945,
95.2035

■ 6.5237, 4.9702,
9.2115

■ 98.7684, 91.5833,
123.3431

■ 3.2097, 2.2298,
4.7807

126.1943,
118.2022, 156.5437

■ 1.2656, 0.7362,
2.0627

158.2782,
149.5357, 195.2241

■ 0.1573, 0.0000,
0.5934

195.3856,

■ 0.0000, 0.0000,

185.9681, 239.8026

0.0000

237.8818,
227.8840, 290.6979

■ 28.3386, 24.5656,
36.9662

■ 28.3386, 24.5656,
36.9662

■ 26.4836, 20.8552,
36.3481

■ 30.5245, 28.9370,
37.6952

■ 24.9414, 17.7707,
35.8340

■ 33.0540, 33.9959,
38.5384

■ 23.6953, 15.2785,
35.4185

■ 35.9417, 39.7714,
39.5010

■ 22.7263, 13.3407,
35.0955

■ 39.2010, 46.2898,
40.5875

■ 22.0135, 11.9150,
34.8578

■ 42.8442, 53.5763,
41.8019

■ 21.5324, 10.9529,
34.6974

■ 46.8834, 61.6547,
43.1484

■ 21.2543, 10.3967,
34.6047

■ 51.3300, 70.5478,
44.6306

■ 21.1311, 10.1504,
34.5636

■ 56.1949, 80.2777,
46.2523

■ 56.8913, 81.6704,
46.4845

Harmonies

Analogous

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



25.8856, 24.5656, 44.1696



28.3386, 24.5656, 36.9662



29.4562, 24.5656, 27.9914

Triad

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



28.3386, 24.5656, 36.9662



23.7792, 24.5656, 13.6269



18.6121, 24.5656, 34.3960

Complementary

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



28.3386, 24.5656, 36.9662



24.6961, 31.2308, 23.7967

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.



18.1501, 24.5656, 25.5415



28.3386, 24.5656, 36.9662



20.9835, 24.5656, 14.6410

Square

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



28.3386, 24.5656, 36.9662



26.6872, 24.5656, 15.4760



18.9822, 24.5656, 18.6107



20.3012, 24.5656, 42.4804

Rectangle

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



28.3386, 24.5656, 36.9662



29.2304, 24.5656, 22.6075



18.9822, 24.5656, 18.6107



18.3145, 24.5656, 31.3649

Sweetspot

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



28.3394, 24.5667, 36.9667



57.2388, 56.9683, 68.3656



21.9540, 21.2749, 36.6680



12.4996, 12.3865, 14.9757



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.



28.3394, 24.5667, 36.9667



48.8384, 40.1676, 65.5653



26.8266, 23.9616, 29.0005



7.3644, 7.2022, 8.9051



16.8766, 8.1067, 27.6046



0.3546, 0.1703, 0.5800

Inverse Universe

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



28.3394, 24.5667, 36.9667



48.8384, 40.1676, 65.5653



25.9781, 31.7436, 30.5473



7.3644, 7.2022, 8.9051



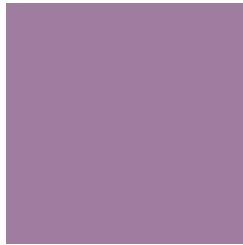
16.8766, 8.1067, 27.6046



0.3546, 0.1703, 0.5800

Previews

White Background



This preview shows how the XYZ color 28.3386, 24.5656, 36.9662 looks on a white background.

Color Contrast Check

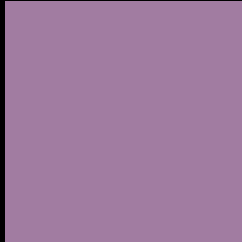
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3386, 24.5656, 36.9662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

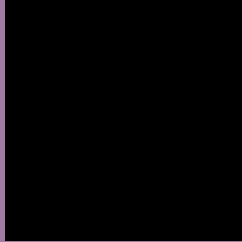
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3386, 24.5656, 36.9662

Background



This preview shows how black text looks on a background with the XYZ color 28.3386, 24.5656, 36.9662.



This preview shows how white text looks on a background with the XYZ color 28.3386, 24.5656,

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

28.3386, 24.5656, 36.9662

Protanopia

24.6339, 24.7443, 40.5236

Deuteranopia

25.1268, 24.6815, 36.2406



Tritanopia

26.4072, 24.5424, 27.3901

Trichromacy



Original Color

28.3386, 24.5656, 36.9662

Protanomaly

25.7230, 24.5247, 38.9753

Deuteranomaly

26.1819, 24.6143, 36.6288

Tritanomaly

27.0758, 24.6250, 30.5202

Monochromacy



Original Color

28.3386, 24.5656, 36.9662

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.8242, 25.3598, 31.1376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3386, 24.5656, 36.9662 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, 124, 161)` looks like.

```
.text, #text, p{  
    color:rgb(161, 124, 161)  
}
```

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, 124, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 124, 161) }
```

Border

The CSS property to change the border of an element to XYZ 28.3386, 24.5656, 36.9662 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, 124, 161) }
```


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

```
.border{ border-color:rgb(161, 124, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 124, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 124, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 124, 161);  
box-shadow:4px 4px 4px 4px rgb(161, 124,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3386, 24.5656, 36.9662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 124, 161) }
```

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

```
.background{ background-color: rgb(161,  
124, 161) }
```

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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