

Converting Colors

XYZ(28.8021, 24.9758, 48.4354)

Have a look what the booklet for
XYZ(28.8021, 24.9758, 48.4354)
contains.

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Color

**XYZ(28.8751, 24.9617,
48.6436)**

Conversions

Conversions Part 1

Format	Color
Hex	977EB8
RGB	151, 126, 184
RGB Percent	59%, 49%, 72%
CMY	0.4078, 0.5059, 0.2784
CMYK	0.18, 0.32, 0.00, 0.28
HSL	266°, 29%, 61%
HSV	266°, 32%, 72%
XYZ	28.8751, 24.9617, 48.6436
YIQ	140.0870, -3.7180, 23.3380

Conversions

Conversions Part 2

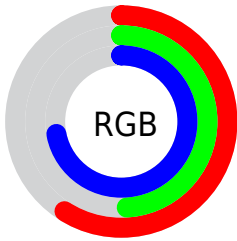
Format	Color
R_{YB}	151, 126, 184
Decimal	9928376
CIE _{Lab}	57.04, 21.30, -26.96
CIE _{LCh}	57, 34.365, 308.311
Yxy	24.9617, 0.2818, 0.2436
Android (android.graphics.Color)	4288118456 (0xFF977EB8)
YUV	140.0870, 21.6491, 9.5707
Hunter-Lab	49.9617, 15.7302, -22.7526

Details

The XYZ color **28.8751, 24.9617, 48.6436** is a light color, and the websafe version is hex **996699**. A complement of this color would be **35.2052, 43.1588, 26.2147**, and the grayscale version is **24.8813, 26.1771, 28.5068**.

A 20% lighter version of the original color is **57.3019, 51.6533, 89.3880**, and **11.8962, 9.5991, 22.6985** is the 20% darker color. If you saturate the color by 10%, you get **24.8779, 19.7242, 47.8437**, and if you desaturate by 10%, it is **33.4793, 31.1557, 49.5969**.

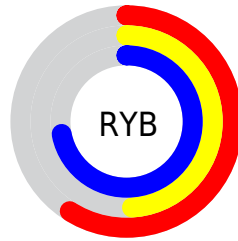
Distribution



Red (59%)

Green (49%)

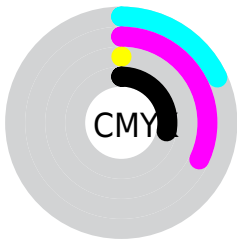
Blue (72%)



Red (59%)

Yellow (49%)

Blue (72%)

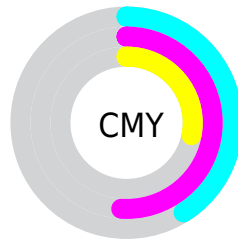


Cyan (18%)

Magenta (32%)

Yellow (0%)

Black (28%)



Cyan (41%)

Magenta (51%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8751, 24.9617, 48.6436 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 28.8751, 24.9617, 48.6436 by changing the saturation by 10% instead.

■ 28.8751, 24.9617,
48.6436

■ 28.8751, 24.9617,
48.6436

288.6300,
277.6472, 397.9196

■ 19.1302, 16.0485,
33.9732

■ 57.2775, 51.5951,
89.5374

■ 11.8689, 9.5585,
22.5958

■ 76.6657, 70.0841,
116.5979

■ 6.7261, 5.1072,
14.0929

■ 99.9990, 92.5338,
148.6255

■ 3.3362, 2.3103,
8.0458

127.6428,
119.3286, 186.0389

■ 1.3339, 0.7792,
4.0361

159.9625,
150.8530, 229.2564

■ 0.2084, 0.0000,
1.6452

197.3233,

■ 0.0000, 0.0000,

187.4913, 278.6967

0.3227

240.0907,
229.6279, 334.7782

■ 0.0000, 0.0000,
0.0000

■ 28.8751, 24.9617,
48.6436

■ 28.8751, 24.9617,
48.6436

■ 24.8779, 19.7242,
47.8437

■ 33.4793, 31.1557,
49.5969

■ 21.4568, 15.3902,
47.1875

■ 38.7142, 38.3492,
50.7095

■ 18.5822, 11.9063,
46.6666

■ 44.6052, 46.5862,
51.9889

■ 16.2200, 9.2120,
46.2710

■ 51.1756, 55.9072,
53.4417

■ 14.3321, 7.2383,
45.9895

■ 58.4473, 66.3506,
55.0742

■ 12.8736, 5.9035,
45.8088

■ 66.4415, 77.9527,
56.8923

■ 11.9022, 5.1363,
45.7119

■ 75.1781, 90.7483,
58.9017

■ 78.5916, 92.6011,
59.0794

■ 82.1459, 94.4334,
59.2457

Harmonies

Analogous

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



24.8662, 24.9617, 55.6765



28.8751, 24.9617, 48.6436



31.7017, 24.9617, 36.2594

Triad

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



28.8751, 24.9617, 48.6436



26.7140, 24.9617, 11.3031



16.8381, 24.9617, 30.5239

Complementary

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



28.8751, 24.9617, 48.6436



35.2052, 43.1588, 26.2147

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.



17.2135, 24.9617, 19.7573



28.8751, 24.9617, 48.6436



22.6199, 24.9617, 10.5720

Square

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



28.8751, 24.9617, 48.6436



30.3587, 24.9617, 15.5870



19.2275, 24.9617, 13.1915



18.1363, 24.9617, 43.4383

Rectangle

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



28.8751, 24.9617, 48.6436



32.3695, 24.9617, 27.8401



19.2275, 24.9617, 13.1915



16.7759, 24.9617, 26.5286

Sweetspot

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



28.8759, 24.9627, 48.6442



72.6010, 72.8824, 92.4458



29.7987, 32.9810, 50.1432



15.3307, 15.2661, 19.8602



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



28.8759, 24.9627, 48.6442



47.0784, 38.3219, 87.1202



34.7422, 27.9869, 48.9187



8.8784, 8.9037, 11.3301



8.2807, 3.5801, 31.5077



0.3631, 0.1629, 1.1141

Inverse Universe

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



33.4867, 27.6162, 36.3672



56.9966, 44.0364, 60.4087



30.2415, 40.5999, 25.9824



9.2129, 9.0955, 10.4685



15.4057, 7.7360, 10.0233



0.5735, 0.2849, 0.5134

Previews

White Background



This preview shows how the XYZ color 28.8751, 24.9617, 48.6436 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 28.8751, 24.9617, 48.6436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

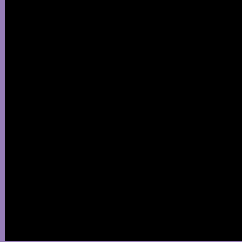
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.8751, 24.9617, 48.6436

Background



This preview shows how black text looks on a background with the XYZ color 28.8751, 24.9617, 48.6436.



This preview shows how white text looks on a background with the XYZ color 28.8751, 24.9617,

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

28.8751, 24.9617, 48.6436

Protanopia

25.8137, 25.0826, 52.7711

Deuteranopia

25.5649, 25.0653, 47.7466



Tritanopia

25.0607, 24.9931, 29.8889

Trichromacy



Original Color

28.8751, 24.9617, 48.6436

Protanomaly

26.6884, 24.9587, 50.9878

Deuteranomaly

26.6300, 24.9898, 48.2197

Tritanomaly

26.4069, 24.9388, 36.2228

Monochromacy



Original Color

28.8751, 24.9617, 48.6436

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.1663, 25.6575, 35.0258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8751, 24.9617, 48.6436 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(151, 126, 184)` looks like.

```
.text, #text, p{  
    color:rgb(151, 126, 184)  
}
```

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(151, 126, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 126, 184) }
```

Border

The CSS property to change the border of an element to XYZ 28.8751, 24.9617, 48.6436 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(151, 126, 184) }
```


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

```
.border{ border-color:rgb(151, 126, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 126, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 126, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 126, 184);  
box-shadow:4px 4px 4px 4px rgb(151, 126,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8751, 24.9617, 48.6436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 126, 184) }
```

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

```
.background{ background-color: rgb(151,  
126, 184) }
```

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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