

Converting Colors

XYZ(28.8574, 39.1973, 25.2111)

Have a look what the booklet for
XYZ(28.8574, 39.1973, 25.2111)
contains.

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Color

**XYZ(28.9702, 39.3468,
25.1366)**

Conversions

Conversions Part 1

Format	Color
Hex	7EB67C
RGB	126, 182, 124
RGB Percent	49%, 71%, 49%
CMY	0.5059, 0.2863, 0.5137
CMYK	0.31, 0.00, 0.32, 0.29
HSL	118°, 28%, 60%
HSV	118°, 32%, 71%
XYZ	28.9702, 39.3468, 25.1366
YIQ	158.6440, -14.7580, -29.9100

Conversions

Conversions Part 2

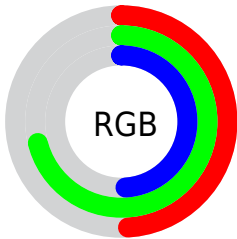
Format	Color
RYB	124, 182, 180
Decimal	8304252
CIELab	69.00, -29.90, 23.86
CIELCh	69, 38.252, 141.401
Yxy	39.3468, 0.3100, 0.4210
Android (android.graphics.Color)	4286494332 (0xFF7EB67C)
YUV	158.6440, -17.0795, -28.6288
Hunter-Lab	62.7270, -27.3329, 20.1496

Details

The XYZ color **28.9702, 39.3468, 25.1366** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **34.4755, 27.4973, 47.7486**, and the grayscale version is **32.8732, 34.5852, 37.6633**.

A 20% lighter version of the original color is **57.3327, 74.0267, 52.8618**, and **11.9443, 17.6644, 9.4366** is the 20% darker color. If you saturate the color by 10%, you get **25.5564, 37.7090, 19.5132**, and if you desaturate by 10%, it is **33.0537, 41.3076, 31.9019**.

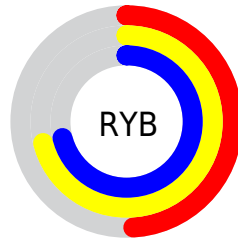
Distribution



Red (49%)

Green (71%)

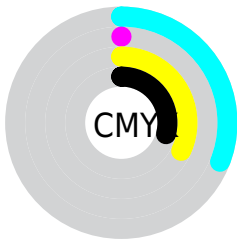
Blue (49%)



Red (49%)

Yellow (71%)

Blue (71%)

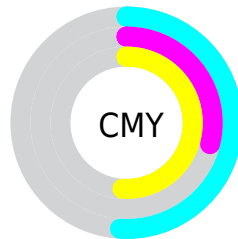


Cyan (31%)

Magenta (0%)

Yellow (32%)

Black (29%)



Cyan (51%)

Magenta (29%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9702, 39.3468, 25.1366 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 28.9702, 39.3468, 25.1366 by changing the saturation by 10% instead.

■ 28.9702, 39.3468,
25.1366

■ 28.9702, 39.3468,
25.1366

289.0711,
343.3627, 291.9870

■ 19.2024, 27.0296,
15.9589

■ 57.4276, 74.1678,
52.8456

■ 11.9215, 17.5955,
9.3410

■ 76.8480, 97.4404,
72.2140

■ 6.7621, 10.6600,
4.8645

■ 100.2166,
125.1337, 95.8164

■ 3.3588, 5.8387,
2.1106

127.8989,
157.6319, 124.0713

■ 1.3462, 2.7472,
0.6221

160.2601,
195.3195, 157.3973

■ 0.2174, 1.0012,
0.0000

197.6656,

■ 0.0000, 0.0000,

238.5809, 196.2128

0.0000

240.4808,
287.8005, 240.9366

■ 28.9702, 39.3468,
25.1366

■ 28.9702, 39.3468,
25.1366

■ 25.5564, 37.7090,
19.5132

■ 33.0537, 41.3076,
31.9019

■ 22.7737, 36.3722,
14.9664

■ 37.8368, 43.6021,
39.8645

■ 20.5844, 35.3196,
11.4281


■ 43.3512, 46.2466,
49.0793


■ 18.9453, 34.5307,
8.8217


■ 49.6257, 49.2549,
59.5969


■ 17.8076, 33.9820,
7.0595


■ 56.6877, 52.6401,
71.4654

 17.1136, 33.6461,
6.0369

 64.5632, 56.4147,
84.7301

 16.8073, 33.4980,
5.5799

 73.2769, 60.5903,
99.4346

 76.0188, 61.9375,
102.5563

Harmonies

Analogous

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



33.2845, 39.3468, 18.5840



28.9702, 39.3468, 25.1366



26.9707, 39.3468, 38.0195

Triad

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



28.9702, 39.3468, 25.1366



35.6738, 39.3468, 85.3075



49.3981, 39.3468, 31.7299

Complementary

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



28.9702, 39.3468, 25.1366



34.4755, 27.4973, 47.7486

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.



50.2164, 39.3468, 48.0559



28.9702, 39.3468, 25.1366



41.8370, 39.3468, 82.2798

Square

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



28.9702, 39.3468, 25.1366



30.5561, 39.3468, 74.7711



47.3196, 39.3468, 67.3629



45.1918, 39.3468, 21.6089

Rectangle

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



28.9702, 39.3468, 25.1366



27.0508, 39.3468, 49.8214



47.3196, 39.3468, 67.3629



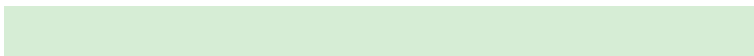
50.0954, 39.3468, 36.5469

Sweetspot

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



28.9712, 39.3485, 25.1375



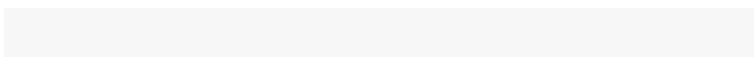
70.1984, 79.8156, 74.9468



39.0715, 43.6827, 25.4417



15.2119, 17.4884, 16.0649



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.



28.9712, 39.3485, 25.1375



48.1998, 69.2600, 38.4455



30.5545, 39.9481, 34.9980



8.9182, 10.0745, 9.5814



11.8802, 23.6608, 3.9408



0.4285, 0.8391, 0.1394

Inverse Universe

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



34.4755, 27.4973, 47.7486



59.6933, 44.5009, 85.6791



32.4928, 26.7584, 34.8618



9.3495, 9.1465, 11.3521



18.5755, 8.8872, 31.9894



0.6644, 0.3182, 1.1282

Previews

White Background



This preview shows how the XYZ color 28.9702, 39.3468, 25.1366 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 28.9702, 39.3468, 25.1366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

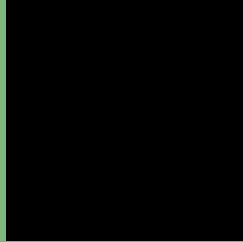
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.9702, 39.3468, 25.1366

Background



This preview shows how black text looks on a background with the XYZ color 28.9702, 39.3468, 25.1366.



This preview shows how white text looks on a background with the XYZ color 28.9702, 39.3468,

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

28.9702, 39.3468, 25.1366

Protanopia

36.3287, 39.1370, 22.7790

Deuteranopia

39.7333, 38.9450, 26.1919



Tritanopia

34.6944, 39.3062, 53.3352

Trichromacy



Original Color

28.9702, 39.3468, 25.1366

Protanomaly

33.0317, 38.8203, 23.5214

Deuteranomaly

34.8133, 38.5662, 25.6878

Tritanomaly

32.3452, 39.2292, 41.4645

Monochromacy



Original Color

28.9702, 39.3468, 25.1366

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.0396, 35.9158, 32.4906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9702, 39.3468, 25.1366 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(126, 182, 124)` looks like.

```
.text, #text, p{  
    color:rgb(126, 182, 124)  
}
```

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(126, 182, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 182, 124) }
```

Border

The CSS property to change the border of an element to XYZ 28.9702, 39.3468, 25.1366 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(126, 182, 124) }
```


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

```
.border{ border-color:rgb(126, 182, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 182, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 182, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 182, 124);  
box-shadow:4px 4px 4px 4px rgb(126, 182,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9702, 39.3468, 25.1366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 182, 124) }
```

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

```
.background{ background-color: rgb(126,  
182, 124) }
```

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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