

Converting Colors

XYZ(24.0340, 28.7954, 5.3650)

Have a look what the booklet for
XYZ(24.0340, 28.7954, 5.3650)
contains.

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Color

**XYZ(24.0387, 28.7964,
5.3899)**

Conversions

Conversions Part 1

Format	Color
Hex	97971C
RGB	151, 151, 28
RGB Percent	59%, 59%, 11%
CMY	0.4078, 0.4078, 0.8902
CMYK	0.00, 0.00, 0.81, 0.41
HSL	60°, 69%, 35%
HSV	60°, 81%, 59%
XYZ	24.0387, 28.7964, 5.3899
YIQ	136.9780, 39.4830, -38.2530

Conversions

Conversions Part 2

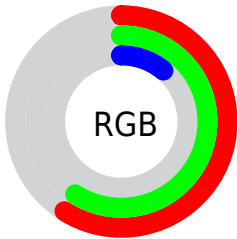
Format	Color
R_{YB}	28, 151, 28
Decimal	9934620
CIE _{Lab}	60.60, -13.98, 58.64
CIE _{LCh}	61, 60.280, 103.410
Yxy	28.7964, 0.4129, 0.4946
Android (android.graphics.Color)	4288124700 (0xFF97971C)
YUV	136.9780, -53.7262, 12.2973
Hunter-Lab	53.6623, -13.9476, 31.6084

Details

The XYZ color **24.0387, 28.7964, 5.3899** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.4809, 3.3123, 29.5778**, and the grayscale version is **23.9567, 25.2043, 27.4475**.

A 20% lighter version of the original color is **49.4834, 57.7284, 17.1290**, and **9.3810, 11.6011, 1.7448** is the 20% darker color. If you saturate the color by 10%, you get **23.9016, 28.7426, 4.6657**, and if you desaturate by 10%, it is **24.2678, 28.8891, 6.5929**.

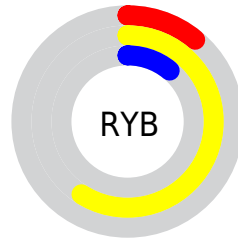
Distribution



Red (59%)

Green (59%)

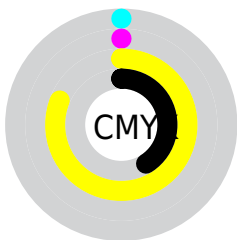
Blue (11%)



Red (11%)

Yellow (59%)

Blue (11%)

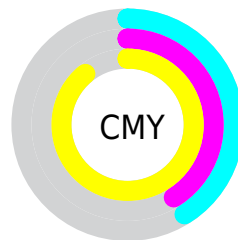


Cyan (0%)

Magenta (0%)

Yellow (81%)

Black (41%)



Cyan (41%)

Magenta (41%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0387, 28.7964, 5.3899 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 24.0387, 28.7964, 5.3899 by changing the saturation by 10% instead.

■ 24.0387, 28.7964,
5.3899

■ 24.0387, 28.7964,
5.3899

265.4529,
296.2531, 162.6078

■ 15.4872, 18.9269,
2.4151

■ 49.5476, 57.7534,
17.1061

■ 9.2506, 11.6174,
0.7946

■ 67.2357, 77.6097,
26.6845

■ 4.9634, 6.4838,
0.0000

■ 88.7000, 101.5637,
39.3012

■ 2.2603, 3.1414,
0.0000

■ 114.3059,
129.9998, 55.3747

■ 0.7743, 1.2060,
0.0000

■ 144.4189,
163.3024, 75.3236

■ 0.0000, 0.0666,
0.0000

■ 179.4041,

■ 0.0000, 0.0000,

201.8559, 99.5664

0.0000

219.6270,
246.0447, 128.5216

■ 24.0387, 28.7964,
5.3899

■ 24.0387, 28.7964,
5.3899

■ 23.9016, 28.7426,
4.6657

■ 24.2678, 28.8891,
6.5929

■ 23.8295, 28.7138,
4.2864

■ 24.5989, 29.0216,
8.3358

■ 25.0428, 29.1992,
10.6730

■ 25.6085, 29.4255,
13.6513

■ 26.3040, 29.7037,
17.3131

■ 27.1367, 30.0368,
21.6972

■ 28.1133, 30.4274,
26.8393

■ 29.2402, 30.8782,
32.7730

■ 30.5234, 31.3915,
39.5297

Harmonies

Analogous

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



31.8773, 28.7964, 5.5828



24.0387, 28.7964, 5.3899



18.3068, 28.7964, 9.3641

Triad

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



24.0387, 28.7964, 5.3899



17.8605, 28.7964, 71.0793



44.3970, 28.7964, 45.2795

Complementary

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



24.0387, 28.7964, 5.3899



6.4809, 3.3123, 29.5778

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.



39.0184, 28.7964, 74.0269



24.0387, 28.7964, 5.3899



23.3091, 28.7964, 93.1211

Square

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



24.0387, 28.7964, 5.3899



15.2245, 28.7964, 42.4020



30.9959, 28.7964, 94.4012



44.6950, 28.7964, 22.4146

Rectangle

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



24.0387, 28.7964, 5.3899



16.0344, 28.7964, 15.7962



30.9959, 28.7964, 94.4012



43.0828, 28.7964, 54.7644

Sweetspot

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



24.0394, 28.7977, 5.3905



48.1174, 53.5976, 36.3378



13.3884, 7.4944, 1.8399



10.8242, 12.1371, 7.6679



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.0394, 28.7977, 5.3905



42.6945, 51.4282, 7.7892



15.4455, 24.3674, 4.9883



6.7089, 7.2229, 6.6464



20.2711, 24.4260, 3.6463



0.3031, 0.3652, 0.0545

Inverse Universe

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



6.4809, 3.3123, 29.5778



10.0956, 4.1121, 52.6953



10.1701, 5.2142, 29.7504



5.8845, 6.0263, 7.7820



4.7522, 1.9009, 25.0241



0.0711, 0.0284, 0.3741

Previews

White Background



This preview shows how the XYZ color 24.0387, 28.7964, 5.3899 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 24.0387, 28.7964, 5.3899 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 24.0387, 28.7964, 5.3899

Background



This preview shows how black text looks on a background with the XYZ color 24.0387, 28.7964, 5.3899.



This preview shows how white text looks on a background with the XYZ color 24.0387, 28.7964,

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

24.0387, 28.7964, 5.3899

Protanopia

25.9938, 28.6362, 5.1942

Deuteranopia

29.3032, 28.7769, 5.6002



Tritanopia

29.8903, 28.8938, 33.7074

Trichromacy



Original Color

24.0387, 28.7964, 5.3899

Protanomaly

25.2849, 28.7325, 5.2502

Deuteranomaly

27.0964, 28.5199, 5.4432

Tritanomaly

26.6839, 28.4804, 18.0008

Monochromacy



Original Color

24.0387, 28.7964, 5.3899

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.9860, 25.9599, 15.1085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0387, 28.7964, 5.3899 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, 151, 28)` looks like.

```
.text, #text, p{  
    color:rgb(151, 151, 28)  
}
```

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, 151, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 151, 28) }
```

Border

The CSS property to change the border of an element to XYZ 24.0387, 28.7964, 5.3899 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, 151, 28) }
```


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

```
.border{ border-color:rgb(151, 151, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 151, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 151, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 151, 28);  
box-shadow:4px 4px 4px 4px rgb(151, 151,  
28) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0387, 28.7964, 5.3899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 151, 28) }
```

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

```
.background{ background-color: rgb(151,  
151, 28) }
```

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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