

Converting Colors

XYZ(24.6851, 28.4548, 4.3681)

Have a look what the booklet for
XYZ(24.6851, 28.4548, 4.3681)
contains.

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Color

**XYZ(24.7233, 28.4621,
4.3630)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9406
RGB	158, 148, 6
RGB Percent	62%, 58%, 2%
CMY	0.3804, 0.4196, 0.9764
CMYK	0.00, 0.06, 0.96, 0.38
HSL	56°, 93%, 32%
HSV	56°, 96%, 62%
XYZ	24.7233, 28.4621, 4.3630
YIQ	134.8020, 51.5420, -42.0420

Conversions

Conversions Part 2

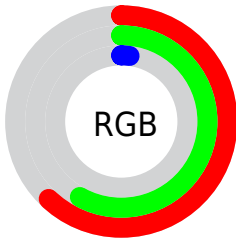
Format	Color
R_{YB}	17, 158, 6
Decimal	10392582
CIE Lab	60.30, -9.72, 63.12
CIE LCh	60, 63.864, 98.757
Yxy	28.4621, 0.4296, 0.4946
Android (android.graphics.Color)	4288582662 (0xFF9E9406)
YUV	134.8020, -63.4994, 20.3446
Hunter-Lab	53.3499, -10.6422, 32.4961

Details

The XYZ color **24.7233, 28.4621, 4.3630** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.4321, 2.8782, 32.5639**, and the grayscale version is **23.1715, 24.3782, 26.5478**.

A 20% lighter version of the original color is **50.6755, 57.3344, 14.8743**, and **9.8472, 11.5601, 1.7123** is the 20% darker color. If you saturate the color by 10%, you get **24.6291, 28.3264, 4.1695**, and if you desaturate by 10%, it is **24.9977, 28.8349, 4.9978**.

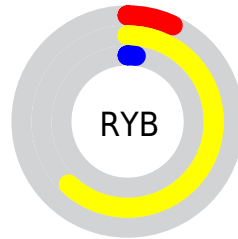
Distribution



Red (62%)

Green (58%)

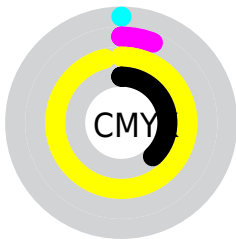
Blue (2%)



Red (7%)

Yellow (62%)

Blue (2%)

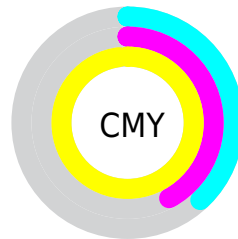


Cyan (0%)

Magenta (6%)

Yellow (96%)

Black (38%)



Cyan (38%)

Magenta (42%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7233, 28.4621, 4.3630 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 24.7233, 28.4621, 4.3630 by changing the saturation by 10% instead.

■ 24.7233, 28.4621,
4.3630

■ 24.7233, 28.4621,
4.3630

268.8303,
294.6685, 152.1785

■ 15.9987, 18.6743,
1.8265

■ 50.6541, 57.2214,
14.8387

■ 9.6140, 11.4352,
0.4454

■ 68.5910, 76.9616,
23.6149

■ 5.2041, 6.3603,
0.0000

■ 90.3293, 100.7881,
35.3082

■ 2.4035, 3.0654,
0.0000

■ 116.2345,
129.0853, 50.3370

■ 0.8469, 1.1660,
0.0000

■ 146.6718,
162.2375, 69.1199

■ 0.0000, 0.0336,
0.0000

■ 182.0066,

■ 0.0000, 0.0000,

200.6292, 92.0754

0.0000

222.6043,
244.6447, 119.6221

24.7233, 28.4621,
4.3630

24.7233, 28.4621,
4.3630

24.6291, 28.3264,
4.1695

24.9977, 28.8349,
4.9978

25.3635, 29.2455,
6.1093

25.8387, 29.7022,
7.7894

26.4355, 30.2100,
10.1027

27.1645, 30.7729,
13.1050

■ 28.0352, 31.3949,
16.8460

■ 29.0561, 32.0794,
21.3709

■ 30.2351, 32.8296,
26.7212

■ 31.5797, 33.6483,
32.9354

Harmonies

Analogous

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



33.1732, 28.4621, 5.0872



24.7233, 28.4621, 4.3630



18.3376, 28.4621, 7.4379

Triad

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



24.7233, 28.4621, 4.3630



16.5305, 28.4621, 68.7002



44.5591, 28.4621, 50.3871

Complementary

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



24.7233, 28.4621, 4.3630



6.4321, 2.8782, 32.5639

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.



38.1656, 28.4621, 81.1882



24.7233, 28.4621, 4.3630



21.7350, 28.4621, 94.9592

Square

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



24.7233, 28.4621, 4.3630



14.2751, 28.4621, 38.3822



29.5233, 28.4621, 100.4198



45.8077, 28.4621, 24.6143

Rectangle

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



24.7233, 28.4621, 4.3630



15.6920, 28.4621, 12.9812



29.5233, 28.4621, 100.4198



42.8864, 28.4621, 60.7870

Sweetspot

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



24.7239, 28.4635, 4.3636



52.1098, 57.8247, 35.8750



14.2602, 7.4374, 1.1799



11.5806, 12.9239, 7.3463



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.



24.7239, 28.4635, 4.3636



44.6694, 51.3262, 7.5526



16.6871, 26.7490, 4.4562



7.1328, 7.6456, 7.0855



19.7368, 22.7093, 3.3431



0.3629, 0.4261, 0.0631

Inverse Universe

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



6.4321, 2.8782, 32.5639



11.3590, 4.7860, 59.0685



8.8998, 3.9720, 32.6449



6.3180, 6.5018, 8.3287



5.0447, 2.1810, 26.0623



0.0993, 0.0572, 0.4690

Previews

White Background



This preview shows how the XYZ color 24.7233, 28.4621, 4.3630 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 24.7233, 28.4621, 4.3630 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 24.7233, 28.4621, 4.3630

Background



This preview shows how black text looks on a background with the XYZ color 24.7233, 28.4621, 4.3630.



This preview shows how white text looks on a background with the XYZ color 24.7233, 28.4621,

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

24.7233, 28.4621, 4.3630

Protanopia

25.6052, 28.4569, 4.2293

Deuteranopia

28.9910, 28.4214, 4.6674



Tritanopia

30.3701, 28.5306, 31.9232

Trichromacy



Original Color

24.7233, 28.4621, 4.3630

Protanomaly

25.3559, 28.5576, 4.2906

Deuteranomaly

27.4457, 28.4974, 4.5442

Tritanomaly

27.0942, 28.0830, 15.0589

Monochromacy



Original Color

24.7233, 28.4621, 4.3630

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.4672, 25.3004, 12.9318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7233, 28.4621, 4.3630 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(158, 148, 6)` looks like.

```
.text, #text, p{  
    color:rgb(158, 148, 6)  
}
```

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(158, 148, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 148, 6) }
```

Border

The CSS property to change the border of an element to XYZ 24.7233, 28.4621, 4.3630 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(158, 148, 6) }
```


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

```
.border{ border-color:rgb(158, 148, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 148, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 148, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 148, 6);  
box-shadow:4px 4px 4px 4px rgb(158, 148,  
6) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7233, 28.4621, 4.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 148, 6) }
```

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

```
.background{ background-color: rgb(158,  
148, 6) }
```

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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