

Converting Colors

XYZ(25.6931, 31.4212, 4.7107)

Have a look what the booklet for
XYZ(25.6931, 31.4212, 4.7107)
contains.

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Color

**XYZ(25.7444, 31.4223,
4.7082)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9E00
RGB	155, 158, 0
RGB Percent	61%, 62%, 0%
CMY	0.3922, 0.3804, 1.0000
CMYK	0.02, 0.00, 1.00, 0.38
HSL	61°, 100%, 31%
HSV	61°, 100%, 62%
XYZ	25.7444, 31.4223, 4.7082
YIQ	139.0910, 48.9300, -49.7740

Conversions

Conversions Part 2

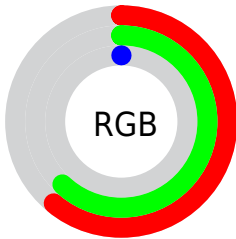
Format	Color
RYB	0, 158, 3
Decimal	10198528
CIELab	62.86, -16.42, 65.77
CIELCh	63, 67.789, 104.015
Yxy	31.4223, 0.4161, 0.5078
Android (android.graphics.Color)	4288388608 (0xFF9B9E00)
YUV	139.0910, -68.5719, 13.9522
Hunter-Lab	56.0556, -16.1184, 34.2591

Details

The XYZ color **25.7444, 31.4223, 4.7082** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.2099, 2.4885, 32.5028**, and the grayscale version is **24.8198, 26.1123, 28.4363**.

A 20% lighter version of the original color is **52.2201, 61.7275, 15.6409**, and **10.4033, 13.1680, 1.9934** is the 20% darker color. If you saturate the color by 10%, you get **25.7450, 31.4237, 4.7085**, and if you desaturate by 10%, it is **25.8949, 31.4904, 5.1964**.

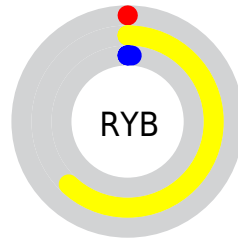
Distribution



Red (61%)

Green (62%)

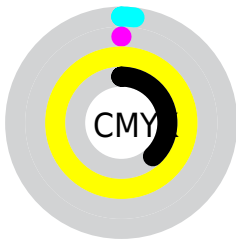
Blue (0%)



Red (0%)

Yellow (62%)

Blue (1%)

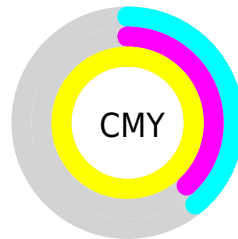


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (38%)



Cyan (39%)

Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7444, 31.4223, 4.7082 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 25.7444, 31.4223, 4.7082 by changing the saturation by 10% instead.

■ 25.7444, 31.4223,
4.7082

■ 25.7444, 31.4223,
4.7082

273.8049,
308.4792, 155.7988

■ 16.7642, 20.9206,
2.0214

■ 52.2966, 61.9043,
15.6127

■ 10.1608, 13.0660,
0.5684

■ 70.5992, 82.6535,
24.6674

■ 5.5688, 7.4740,
0.0000

■ 92.7401, 107.5873,
36.6819

■ 2.6228, 3.7603,
0.0000

■ 119.0845,
137.0900, 52.0746

■ 0.9576, 1.5404,
0.0000

■ 149.9978,
171.5462, 71.2641

■ 0.0000, 0.3169,
0.0000

■ 185.8454,

■ 0.0000, 0.0000,

211.3402, 94.6689

0.0000

226.9927,
256.8564, 122.7077

25.7444, 31.4223,
4.7082

25.7444, 31.4223,
4.7082

25.7450, 31.4237,
4.7085

25.8949, 31.4904,
5.1964

26.1162, 31.5856,
6.0593

26.4402, 31.7219,
7.4627

26.8801, 31.9046,
9.4756

27.4471, 32.1381,
12.1566

■ 28.1509, 32.4264,
15.5577

■ 29.0005, 32.7730,
19.7256

■ 30.0040, 33.1811,
24.7030

■ 31.1688, 33.6539,
30.5296

Harmonies

Analogous

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



35.0617, 31.4223, 4.8306



25.7444, 31.4223, 4.7082



19.0914, 31.4223, 9.0302

Triad

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



25.7444, 31.4223, 4.7082



18.7708, 31.4223, 83.5107



50.5466, 31.4223, 50.3292

Complementary

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



25.7444, 31.4223, 4.7082



6.2099, 2.4885, 32.5028

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.



44.0813, 31.4223, 85.7866



25.7444, 31.4223, 4.7082



25.2106, 31.4223, 110.7520

Square

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



25.7444, 31.4223, 4.7082



15.6678, 31.4223, 48.1627



34.4055, 31.4223, 111.7516



50.7727, 31.4223, 23.2569

Rectangle

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



25.7444, 31.4223, 4.7082



16.5115, 31.4223, 16.3339



34.4055, 31.4223, 111.7516



48.9790, 31.4223, 61.8882

Sweetspot

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



25.7451, 31.4238, 4.7088



52.5622, 59.4715, 35.3294



14.1302, 7.3270, 0.6699



11.7060, 13.3490, 7.2560



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.



25.7451, 31.4238, 4.7088



46.7295, 57.0513, 8.5491



15.2381, 26.0072, 4.2171



7.1577, 7.7139, 7.0974



20.6218, 25.1676, 3.7710



0.3722, 0.4518, 0.0676

Inverse Universe

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



6.2099, 2.4885, 32.5028



11.2567, 4.5084, 59.0204



9.6207, 4.2469, 32.6624



6.2958, 6.4410, 8.3181



4.9768, 1.9946, 26.0299



0.0920, 0.0372, 0.4656

Previews

White Background



This preview shows how the XYZ color 25.7444, 31.4223, 4.7082 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 25.7444, 31.4223, 4.7082 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 25.7444, 31.4223, 4.7082

Background



This preview shows how black text looks on a background with the XYZ color 25.7444, 31.4223, 4.7082.



This preview shows how white text looks on a background with the XYZ color 25.7444, 31.4223,

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

25.7444, 31.4223, 4.7082

Protanopia

28.2415, 31.2271, 4.5390

Deuteranopia

31.8764, 31.2189, 5.2099



Tritanopia

32.3312, 31.4431, 36.7128

Trichromacy



Original Color

25.7444, 31.4223, 4.7082

Protanomaly

27.2815, 31.2182, 4.5878

Deuteranomaly

29.4241, 31.1131, 4.9065

Tritanomaly

28.3159, 30.7542, 16.7557

Monochromacy



Original Color

25.7444, 31.4223, 4.7082

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.7174, 27.2821, 13.2484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7444, 31.4223, 4.7082 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(155, 158, 0)` looks like.

```
.text, #text, p{  
    color:rgb(155, 158, 0)  
}
```

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(155, 158, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 158, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.7444, 31.4223, 4.7082 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(155, 158, 0) }
```


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

```
.border{ border-color:rgb(155, 158, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 158, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 158, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 158, 0);  
box-shadow:4px 4px 4px 4px rgb(155, 158,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7444, 31.4223, 4.7082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 158, 0) }
```

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

```
.background{ background-color: rgb(155,  
158, 0) }
```

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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