

Converting Colors

XYZ(24.6293, 24.9174, 31.8043)

Have a look what the booklet for
XYZ(24.6293, 24.9174, 31.8043)
contains.

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Color

**XYZ(24.7362, 24.9868,
31.9530)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8795
RGB	139, 135, 149
RGB Percent	55%, 53%, 58%
CMY	0.4549, 0.4706, 0.4157
CMYK	0.07, 0.09, 0.00, 0.42
HSL	257°, 6%, 56%
HSV	257°, 9%, 58%
XYZ	24.7362, 24.9868, 31.9530
YIQ	137.7920, -2.1100, 5.2020

Conversions

Conversions Part 2

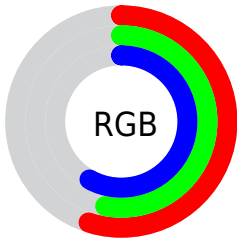
Format	Color
R_{YB}	139, 135, 149
Decimal	9144213
CIE _{Lab}	57.06, 4.30, -6.94
CIE _{LCh}	57, 8.163, 301.815
Yxy	24.9868, 0.3029, 0.3059
Android (android.graphics.Color)	4287334293 (0xFF8B8795)
YUV	137.7920, 5.5255, 1.0594
Hunter-Lab	49.9868, 0.8547, -2.9091

Details

The XYZ color **24.7362, 24.9868, 31.9530** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.7987, 29.2646, 27.1591**, and the grayscale version is **24.0590, 25.3119, 27.5647**.

A 20% lighter version of the original color is **50.5009, 51.4847, 63.7758**, and **9.5729, 9.5027, 12.8849** is the 20% darker color. If you saturate the color by 10%, you get **21.1095, 20.2446, 31.2292**, and if you desaturate by 10%, it is **28.8284, 30.4023, 32.7830**.

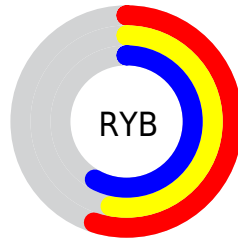
Distribution



Red (55%)

Green (53%)

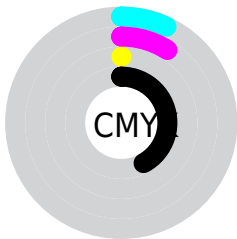
Blue (58%)



Red (55%)

Yellow (53%)

Blue (58%)

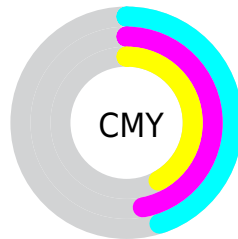


Cyan (7%)

Magenta (9%)

Yellow (0%)

Black (42%)



Cyan (45%)

Magenta (47%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7362, 24.9868, 31.9530 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 24.7362, 24.9868, 31.9530 by changing the saturation by 10% instead.

■ 24.7362, 24.9868,
31.9530

■ 24.7362, 24.9868,
31.9530

268.8936,
277.7722, 325.3912

■ 16.0083, 16.0672,
21.0611

■ 50.6749, 51.6358,
63.8345

■ 9.6209, 9.5717,
12.9770

■ 68.6165, 70.1340,
85.6611

■ 5.2087, 5.1159,
7.2822

■ 90.3599, 92.5939,
111.9697

■ 2.4062, 2.3154,
3.5581

116.2707,
119.3999, 143.1788

■ 0.8482, 0.7819,
1.3862

146.7141,
150.9363, 179.7069

■ 0.0000, 0.0000,
0.1309

182.0554,

■ 0.0000, 0.0000,

187.5875, 221.9727

0.0000

222.6602,
229.7380, 270.3946

■ 24.7362, 24.9868,
31.9530

■ 24.7362, 24.9868,
31.9530

■ 21.1095, 20.2446,
31.2292

■ 28.8284, 30.4023,
32.7830

■ 17.9293, 16.1459,
30.6057

■ 33.3999, 36.5129,
33.7215

■ 15.1781, 12.6634,
30.0785

■ 38.4668, 43.3436,
34.7729

■ 12.8368, 9.7667,
29.6428

■ 44.0436, 50.9168,
35.9408

■ 10.8845, 7.4225,
29.2932

■ 50.1443, 59.2543,
37.2285

■ 9.2985, 5.5943,
29.0239

■ 56.7823, 68.3768,
38.6395

■ 8.0534, 4.2409,
28.8283

■ 63.9704, 78.3042,
40.1768

■ 7.1202, 3.3146,
28.6987

■ 71.7212, 89.0559,
41.8436

■ 6.4393, 2.7074,
28.6174

■ 75.3810, 91.3187,
42.0875

Harmonies

Analogous

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



23.8078, 24.9868, 32.8428



24.7362, 24.9868, 31.9530



25.4146, 24.9868, 29.7818

Triad

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



24.7362, 24.9868, 31.9530



24.6322, 24.9868, 22.8055



21.9507, 24.9868, 27.3743

Complementary

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



24.7362, 24.9868, 31.9530



26.7987, 29.2646, 27.1591

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.



22.1582, 24.9868, 24.7839



24.7362, 24.9868, 31.9530



23.6908, 24.9868, 22.2548

Square

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



24.7362, 24.9868, 31.9530



25.3534, 24.9868, 24.5121



22.7888, 24.9868, 22.9548



22.2141, 24.9868, 30.0911

Rectangle

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



24.7362, 24.9868, 31.9530



25.6246, 24.9868, 27.9664



22.7888, 24.9868, 22.9548



21.9677, 24.9868, 26.4603

Sweetspot

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



24.7369, 24.9879, 31.9535



48.8424, 50.7482, 58.1424



25.5478, 27.5826, 32.4116



10.6990, 11.0807, 12.8597



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.7369, 24.9879, 31.9535



43.0508, 43.1075, 56.9728



25.9377, 25.6069, 32.0097



5.6458, 5.7084, 7.2740



5.4149, 2.2640, 24.0826



0.0923, 0.0412, 0.2960

Inverse Universe

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



26.1701, 25.7629, 30.3828



46.0873, 44.7502, 53.6228



25.6082, 28.6509, 27.1034



5.9654, 5.8812, 6.9240



12.6540, 6.2666, 12.1907



0.1676, 0.0818, 0.2162

Previews

White Background



This preview shows how the XYZ color 24.7362, 24.9868, 31.9530 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 24.7362, 24.9868, 31.9530 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 24.7362, 24.9868, 31.9530

Background



This preview shows how black text looks on a background with the XYZ color 24.7362, 24.9868, 31.9530.

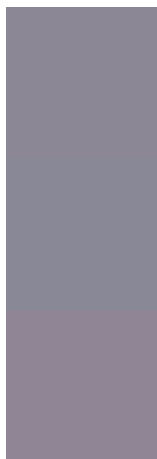


This preview shows how white text looks on a background with the XYZ color 24.7362, 24.9868,

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

24.7362, 24.9868, 31.9530

Protanopia

24.4625, 25.0446, 32.3989

Deuteranopia

25.3139, 24.8743, 31.9008



Tritanopia

24.4997, 24.8922, 30.7075

Trichromacy



Original Color

24.7362, 24.9868, 31.9530

Protanomaly

24.6257, 25.1287, 32.4066

Deuteranomaly

25.1052, 24.9709, 31.9304

Tritanomaly

24.5779, 24.9235, 31.1191

Monochromacy



Original Color

24.7362, 24.9868, 31.9530

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.3094, 25.2476, 29.1832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7362, 24.9868, 31.9530 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(139, 135, 149)` looks like.

```
.text, #text, p{  
    color:rgb(139, 135, 149)  
}
```

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(139, 135, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 135, 149) }
```

Border

The CSS property to change the border of an element to XYZ 24.7362, 24.9868, 31.9530 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(139, 135, 149) }
```


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

```
.border{ border-color:rgb(139, 135, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 135, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 135, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 135, 149);  
box-shadow:4px 4px 4px 4px rgb(139, 135,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7362, 24.9868, 31.9530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 135, 149) }
```

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

```
.background{ background-color: rgb(139,  
135, 149) }
```

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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