

Converting Colors

XYZ(25.4753, 24.9562, 31.9930)

Have a look what the booklet for
XYZ(25.4753, 24.9562, 31.9930)
contains.

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Color

**XYZ(25.4894, 24.9647,
31.9090)**

Conversions

Conversions Part 1

Format	Color
Hex	918595
RGB	145, 133, 149
RGB Percent	57%, 52%, 58%
CMY	0.4314, 0.4784, 0.4157
CMYK	0.03, 0.11, 0.00, 0.42
HSL	285°, 7%, 55%
HSV	285°, 11%, 58%
XYZ	25.4894, 24.9647, 31.9090
YIQ	138.4120, 2.0160, 7.5200

Conversions

Conversions Part 2

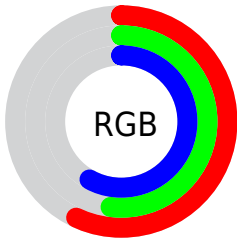
Format	Color
R_{YB}	145, 133, 149
Decimal	9536917
CIE Lab	57.04, 7.60, -6.91
CIE LCh	57, 10.277, 317.726
Yxy	24.9647, 0.3095, 0.3031
Android (android.graphics.Color)	4287726997 (0xFF918595)
YUV	138.4120, 5.2199, 5.7777
Hunter-Lab	49.9647, 3.6233, -2.8892

Details

The XYZ color **25.4894, 24.9647, 31.9090** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.2985, 28.5073, 26.3606**, and the grayscale version is **24.2956, 25.5609, 27.8358**.

A 20% lighter version of the original color is **51.8916, 51.5717, 63.7193**, and **10.0942, 9.6554, 12.8869** is the 20% darker color. If you saturate the color by 10%, you get **22.9470, 20.8381, 31.2469**, and if you desaturate by 10%, it is **28.3442, 29.6833, 32.6697**.

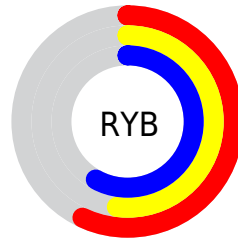
Distribution



Red (57%)

Green (52%)

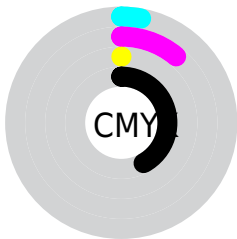
Blue (58%)



Red (57%)

Yellow (52%)

Blue (58%)

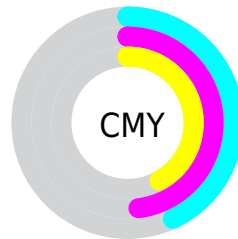


Cyan (3%)

Magenta (11%)

Yellow (0%)

Black (42%)



Cyan (43%)

Magenta (48%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4894, 24.9647, 31.9090 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 25.4894, 24.9647, 31.9090 by changing the saturation by 10% instead.

■ 25.4894, 24.9647,
31.9090

■ 25.4894, 24.9647,
31.9090

272.5694,
277.6621, 325.1845

■ 16.5727, 16.0508,
21.0278

■ 51.8873, 51.6000,
63.7647

■ 10.0237, 9.5601,
12.9529

■ 70.0992, 70.0900,
85.5761

■ 5.4771, 5.1083,
7.2657

■ 92.1402, 92.5410,
111.8681

■ 2.5674, 2.3109,
3.5479

118.3756,
119.3372, 143.0592

■ 0.9294, 0.7795,
1.3807

149.1710,
150.8630, 179.5678

■ 0.0000, 0.0000,
0.1266

184.8914,

■ 0.0000, 0.0000,

187.5028, 221.8125

0.0000

225.9025,
229.6410, 270.2119

■ 25.4894, 24.9647,
31.9090

■ 25.4894, 24.9647,
31.9090

■ 22.9470, 20.8381,
31.2469

■ 28.3442, 29.6833,
32.6697

■ 20.7024, 17.2759,
30.6776

■ 31.5208, 35.0137,
33.5311

■ 18.7432, 14.2532,
30.1974

■ 35.0310, 40.9785,
34.4975

■ 17.0553, 11.7419,
29.8016

■ 38.8851, 47.5984,
35.5721

■ 15.6230, 9.7112,
29.4852

■ 43.0931, 54.8931,
36.7583

■ 14.4291, 8.1270,
29.2423

■ 47.6646, 62.8813,
38.0593

■ 13.4543, 6.9508,
29.0666

■ 52.6088, 71.5812,
39.4779

■ 12.6757, 6.1371,
28.9506

■ 57.9345, 81.0102,
41.0172

■ 12.0749, 5.5982,
28.8783

■ 59.6666, 83.2176,
41.3520

Harmonies

Analogous

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



24.4427, 24.9647, 34.0266



25.4894, 24.9647, 31.9090



26.0719, 24.9647, 28.6217

Triad

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



25.4894, 24.9647, 31.9090



24.2256, 24.9647, 21.1845



21.5830, 24.9647, 29.2592

Complementary

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



25.4894, 24.9647, 31.9090



25.2985, 28.5073, 26.3606

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.



21.5293, 24.9647, 25.7920



25.4894, 24.9647, 31.9090



23.0277, 24.9647, 21.3235

Square

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



25.4894, 24.9647, 31.9090



25.3258, 24.9647, 22.5496



22.0501, 24.9647, 22.9471



22.1992, 24.9647, 32.4097

Rectangle

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



25.4894, 24.9647, 31.9090



26.1060, 24.9647, 26.2975



22.0501, 24.9647, 22.9471



21.4993, 24.9647, 28.0868

Sweetspot

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



25.4901, 24.9658, 31.9095



49.5214, 51.0983, 58.1741



24.0823, 25.1248, 32.0144



10.8861, 11.1772, 12.8685



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.



25.4901, 24.9658, 31.9095



44.4462, 42.7437, 56.8290



25.9141, 25.2182, 30.3984



5.8952, 5.8369, 7.2857



10.1906, 4.7260, 24.3061



0.1516, 0.0717, 0.2988

Inverse Universe

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



25.2981, 24.9718, 27.1547



44.0401, 42.7639, 46.4416



24.9174, 28.2806, 27.7132



5.8568, 5.8378, 6.3518



10.7266, 5.4957, 2.0413



0.1416, 0.0714, 0.0795

Previews

White Background



This preview shows how the XYZ color 25.4894, 24.9647, 31.9090 looks on a white background.

Color Contrast Check

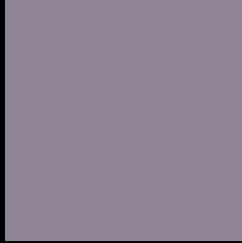
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4894, 24.9647, 31.9090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

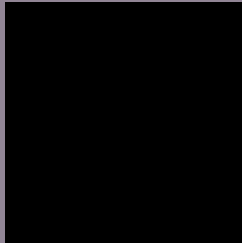
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4894, 24.9647, 31.9090

Background



This preview shows how black text looks on a background with the XYZ color 25.4894, 24.9647, 31.9090.



This preview shows how white text looks on a background with the XYZ color 25.4894, 24.9647,

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

25.4894, 24.9647, 31.9090

Protanopia

24.3817, 24.9936, 32.8173

Deuteranopia

25.4894, 24.9647, 31.9090



Tritanopia

25.0607, 24.9931, 29.8889

Trichromacy



Original Color

25.4894, 24.9647, 31.9090

Protanomaly

24.8165, 25.0189, 32.3753

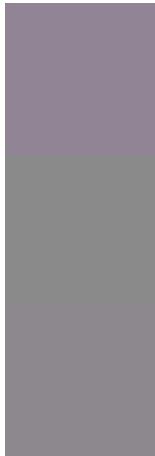
Deuteranomaly

25.4894, 24.9647, 31.9090

Tritanomaly

25.2150, 25.0548, 30.7012

Monochromacy



Original Color

25.4894, 24.9647, 31.9090

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.6711, 25.2240, 29.1596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4894, 24.9647, 31.9090 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(145, 133, 149) looks like.

```
.text, #text, p{  
    color:rgb(145, 133, 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(145, 133, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 133, 149) }
```

Border

The CSS property to change the border of an element to XYZ 25.4894, 24.9647, 31.9090 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(145, 133, 149) }
```


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

```
.border{ border-color:rgb(145, 133, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 133, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 133, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 133, 149);  
box-shadow:4px 4px 4px 4px rgb(145, 133,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4894, 24.9647, 31.9090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 133, 149) }
```

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

```
.background{ background-color: rgb(145,  
133, 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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