

Converting Colors

XYZ(24.8797, 24.2543, 29.8361)

Have a look what the booklet for
XYZ(24.8797, 24.2543, 29.8361)
contains.

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Color

**XYZ(24.8274, 24.2660,
29.7608)**

Conversions

Conversions Part 1

Format	Color
Hex	918390
RGB	145, 131, 144
RGB Percent	57%, 51%, 56%
CMY	0.4314, 0.4863, 0.4353
CMYK	0.00, 0.10, 0.01, 0.43
HSL	304°, 6%, 54%
HSV	304°, 10%, 57%
XYZ	24.8274, 24.2660, 29.7608
YIQ	136.6680, 4.1710, 7.0110

Conversions

Conversions Part 2

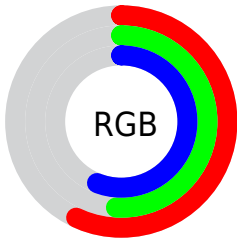
Format	Color
R_{YB}	145, 131, 144
Decimal	9536400
CIE Lab	56.35, 7.75, -5.05
CIE LCh	56, 9.252, 326.931
Yxy	24.2660, 0.3149, 0.3077
Android (android.graphics.Color)	4287726480 (0xFF918390)
YUV	136.6680, 3.6147, 7.3072
Hunter-Lab	49.2605, 3.7584, -1.3377

Details

The XYZ color **24.8274, 24.2660, 29.7608** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.6513, 26.7427, 25.7464**, and the grayscale version is **23.6389, 24.8700, 27.0834**.

A 20% lighter version of the original color is **50.8867, 50.5003, 60.4916**, and **9.7570, 9.2756, 11.8658** is the 20% darker color. If you saturate the color by 10%, you get **22.9361, 20.6091, 28.7418**, and if you desaturate by 10%, it is **26.9934, 28.4704, 30.8756**.

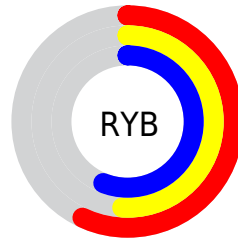
Distribution



Red (57%)

Green (51%)

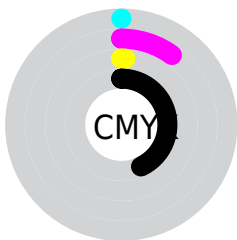
Blue (56%)



Red (57%)

Yellow (51%)

Blue (56%)

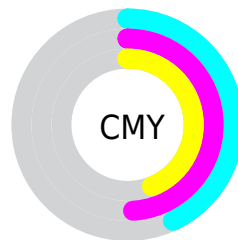


Cyan (0%)

Magenta (10%)

Yellow (1%)

Black (43%)



Cyan (43%)

Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8274, 24.2660, 29.7608 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 24.8274, 24.2660, 29.7608 by changing the saturation by 10% instead.

■ 24.8274, 24.2660,
29.7608

■ 24.8274, 24.2660,
29.7608

269.3408,
274.1625, 314.9604

■ 16.0766, 15.5311,
19.4066

■ 50.8220, 50.4639,
60.3402

■ 9.6695, 9.1929,
11.7847

■ 68.7964, 68.6957,
81.4025

■ 5.2410, 4.8672,
6.4765

■ 90.5761, 90.8619,
106.8712

■ 2.4255, 2.1696,
3.0635

116.5265,
117.3468, 137.1650

■ 0.8579, 0.7033,
1.1271

147.0127,
148.5350, 172.7022

■ 0.0000, 0.0000,
0.0000

182.4003,

184.8107, 213.9015

223.0545,
226.5585, 261.1814

■ 24.8274, 24.2660,
29.7608

■ 24.8274, 24.2660,
29.7608

■ 22.9361, 20.6091,
28.7418

■ 26.9934, 28.4704,
30.8756

■ 21.3061, 17.4741,
27.8131

■ 29.4426, 33.2404,
32.0880

■ 19.9261, 14.8379,
26.9714

■ 32.1858, 38.5970,
33.4021

■ 18.7831, 12.6746,
26.2122

■ 35.2324, 44.5594,
34.8209

■ 17.8629, 10.9558,
25.5308

■ 38.5916, 51.1459,
36.3476

■ 17.1499, 9.6502,
24.9221

■ 42.2722, 58.3738,
37.9849

■ 16.6264, 8.7224,
24.3800

■ 46.2824, 66.2599,
39.7359

■ 16.2717, 8.1310,
23.8977

■ 50.6305, 74.8205,
41.6030

■ 16.0332, 7.7709,
23.4577

■ 53.2138, 79.8505,
42.8856

Harmonies

Analogous

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



24.0064, 24.2660, 32.0169



24.8274, 24.2660, 29.7608



25.1752, 24.2660, 26.7375

Triad

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



24.8274, 24.2660, 29.7608



23.1742, 24.2660, 20.9753



21.2820, 24.2660, 29.1746

Complementary

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



24.8274, 24.2660, 29.7608



23.6513, 26.7427, 25.7464

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.



21.0745, 24.2660, 26.1081



24.8274, 24.2660, 29.7608



22.1468, 24.2660, 21.5193

Square

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



24.8274, 24.2660, 29.7608



24.2024, 24.2660, 21.7949



21.3863, 24.2660, 23.3419



21.9621, 24.2660, 31.6605

Rectangle

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



24.8274, 24.2660, 29.7608



25.0841, 24.2660, 24.7462



21.3863, 24.2660, 23.3419



21.1556, 24.2660, 28.1708

Sweetspot

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



24.8281, 24.2671, 29.7613



46.9625, 48.3072, 54.5932



22.7335, 23.1784, 30.0641



10.3810, 10.6177, 12.1109



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



24.8281, 24.2671, 29.7613



43.5368, 41.6647, 52.8073



24.3143, 24.0615, 27.0558



5.6099, 5.5045, 6.7095



13.7492, 6.6567, 20.1283



0.1347, 0.0649, 0.2094

Inverse Universe

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



24.8281, 24.2671, 29.7613



43.5368, 41.6647, 52.8073



24.1417, 26.9388, 28.3287



5.6099, 5.5045, 6.7095



13.7492, 6.6567, 20.1283



0.1347, 0.0649, 0.2094

Previews

White Background



This preview shows how the XYZ color 24.8274, 24.2660, 29.7608 looks on a white background.

Color Contrast Check

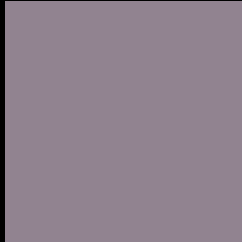
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8274, 24.2660, 29.7608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

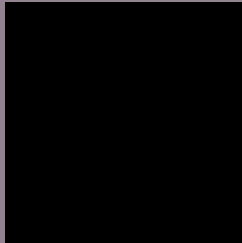
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.8274, 24.2660, 29.7608

Background



This preview shows how black text looks on a background with the XYZ color 24.8274, 24.2660, 29.7608.



This preview shows how white text looks on a background with the XYZ color 24.8274, 24.2660,

29.7608.

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

24.8274, 24.2660, 29.7608

Protanopia

23.5449, 24.1938, 30.6231

Deuteranopia

24.6519, 24.1755, 29.7526



Tritanopia

24.6758, 24.2053, 28.9627

Trichromacy



Original Color

24.8274, 24.2660, 29.7608

Protanomaly

23.9796, 24.2227, 30.1996

Deuteranomaly

24.6519, 24.1755, 29.7526

Tritanomaly

24.7513, 24.2355, 29.3600

Monochromacy



Original Color

24.8274, 24.2660, 29.7608

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.2128, 24.7968, 28.3211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8274, 24.2660, 29.7608 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, 131, 144)` looks like.

```
.text, #text, p{  
    color:rgb(145, 131, 144)  
}
```

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, 131, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 131, 144) }
```

Border

The CSS property to change the border of an element to XYZ 24.8274, 24.2660, 29.7608 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, 131, 144) }
```


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

```
.border{ border-color:rgb(145, 131, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 131, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 131, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 131, 144);  
box-shadow:4px 4px 4px 4px rgb(145, 131,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8274, 24.2660, 29.7608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 131, 144) }
```

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

```
.background{ background-color: rgb(145,  
131, 144) }
```

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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