

Converting Colors

XYZ(24.5452, 22.6679, 30.0623)

Have a look what the booklet for
XYZ(24.5452, 22.6679, 30.0623)
contains.

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Color

**XYZ(24.5312, 22.7555,
29.8874)**

Conversions

Conversions Part 1

Format	Color
Hex	947C91
RGB	148, 124, 145
RGB Percent	58%, 49%, 57%
CMY	0.4196, 0.5137, 0.4314
CMYK	0.00, 0.16, 0.02, 0.42
HSL	308°, 10%, 53%
HSV	308°, 16%, 58%
XYZ	24.5312, 22.7555, 29.8874
YIQ	133.5700, 7.5630, 11.6190

Conversions

Conversions Part 2

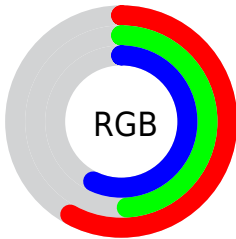
Format	Color
RYB	148, 124, 145
Decimal	9731217
CIELab	54.82, 13.09, -7.88
CIELCh	55, 15.274, 328.960
Yxy	22.7555, 0.3179, 0.2949
Android (android.graphics.Color)	4287921297 (0xFF947C91)
YUV	133.5700, 5.6350, 12.6551
Hunter-Lab	47.7027, 8.3141, -3.7553

Details

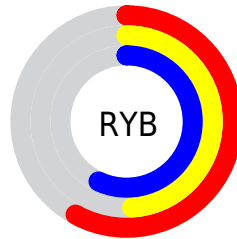
The XYZ color $24.5312, 22.7555, 29.8874$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $22.7337, 26.9978, 24.0927$, and the grayscale version is $22.4809, 23.6517, 25.7567$.

A 20% lighter version of the original color is $50.3881, 48.1244, 60.6660$, and $9.5114, 8.3998, 11.9465$ is the 20% darker color. If you saturate the color by 10%, you get $22.6726, 19.2644, 28.5699$, and if you desaturate by 10%, it is $26.6719, 26.8063, 31.3109$.

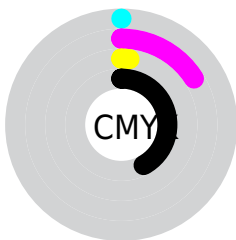
Distribution



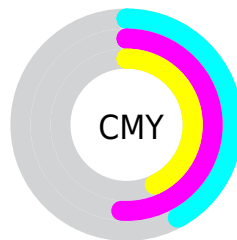
- Red (58%)
- Green (49%)
- Blue (57%)



- Red (58%)
- Yellow (49%)
- Blue (57%)



- Cyan (0%)
- Magenta (16%)
- Yellow (2%)
- Black (42%)



- Cyan (42%)
- Magenta (51%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5312, 22.7555, 29.8874 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 24.5312, 22.7555, 29.8874 by changing the saturation by 10% instead.

■ 24.5312, 22.7555,
29.8874

■ 24.5312, 22.7555,
29.8874

267.8861,
266.4667, 315.5702

■ 15.8550, 14.4131,
19.5018

■ 50.3441, 47.9915,
60.5430

■ 9.5118, 8.4085,
11.8530

■ 68.2114, 65.6540,
81.6500

■ 5.1363, 4.3574,
6.5223

■ 89.8732, 87.1918,
107.1680

■ 2.3630, 1.8755,
3.0913

115.6948,
112.9895, 137.5154

■ 0.8266, 0.5336,
1.1415

146.0415,
143.4315, 173.1108

■ 0.0000, 0.0000,
0.0000

181.2787,

178.9021, 214.3727

221.7718,
219.7857, 261.7196

■ 24.5312, 22.7555,
29.8874

■ 24.5312, 22.7555,
29.8874

■ 22.6726, 19.2644,
28.5699

■ 26.6719, 26.8063,
31.3109

■ 21.0817, 16.3053,
27.3528

■ 29.1042, 31.4369,
32.8429

■ 19.7458, 13.8526,
26.2321

■ 31.8397, 36.6703,
34.4875

■ 18.6504, 11.8774,
25.2028

■ 34.8889, 42.5272,
36.2483

■ 17.7798, 10.3479,
24.2597

■ 38.2616, 49.0274,
38.1286

■ 17.1160, 9.2284,
23.3968

■ 41.9672, 56.1896,
40.1316

■ 16.6385, 8.4779,
22.6070

■ 46.0149, 64.0321,
42.2604

■ 16.3164, 8.0347,
21.8802

■ 50.4133, 72.5722,
44.5179

■ 16.2086, 7.8943,
21.6127

■ 54.4636, 80.4123,
46.6713

Harmonies

Analogous

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



23.2389, 22.7555, 33.8355



24.5312, 22.7555, 29.8874



25.0397, 22.7555, 24.9461

Triad

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



24.5312, 22.7555, 29.8874



21.6874, 22.7555, 16.5943



18.9102, 22.7555, 29.5573

Complementary

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



24.5312, 22.7555, 29.8874



22.7337, 26.9978, 24.0927

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.



18.5419, 22.7555, 24.6085



24.5312, 22.7555, 29.8874



20.0942, 22.7555, 17.4992

Square

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



24.5312, 22.7555, 29.8874



23.3461, 22.7555, 17.6334



18.9642, 22.7555, 20.2849



19.9971, 22.7555, 33.6282

Rectangle

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



24.5312, 22.7555, 29.8874



24.8466, 22.7555, 21.8769



18.9642, 22.7555, 20.2849



18.7009, 22.7555, 27.9224

Sweetspot

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



24.5319, 22.7565, 29.8879



47.5130, 48.1569, 55.5375



21.2765, 21.0512, 30.9592



10.7869, 10.8805, 12.6398



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.



24.5319, 22.7565, 29.8879



42.1939, 38.0977, 51.9794



23.6686, 22.4112, 25.3420



6.0044, 5.8968, 7.1295



13.8514, 6.7456, 18.4963



0.1766, 0.0854, 0.2635

Inverse Universe

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



24.5319, 22.7565, 29.8879



42.1939, 38.0977, 51.9794



23.5484, 27.3237, 28.3831



6.0044, 5.8968, 7.1295



13.8514, 6.7456, 18.4963



0.1766, 0.0854, 0.2635

Previews

White Background



This preview shows how the XYZ color 24.5312, 22.7555, 29.8874 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 24.5312, 22.7555, 29.8874 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 24.5312, 22.7555, 29.8874

Background



This preview shows how black text looks on a background with the XYZ color 24.5312, 22.7555, 29.8874.



This preview shows how white text looks on a background with the XYZ color 24.5312, 22.7555,

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

24.5312, 22.7555, 29.8874

Protanopia

22.3095, 22.7244, 31.6442

Deuteranopia

23.2344, 22.8552, 29.5725



Tritanopia

23.8667, 22.8740, 26.0789

Trichromacy



Original Color

24.5312, 22.7555, 29.8874

Protanomaly

23.0561, 22.7274, 31.1886

Deuteranomaly

23.7787, 22.9431, 29.5608

Tritanomaly

24.0264, 22.7344, 27.5479

Monochromacy



Original Color

24.5312, 22.7555, 29.8874

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.2175, 23.2892, 27.3163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5312, 22.7555, 29.8874 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(148, 124, 145)` looks like.

```
.text, #text, p{  
    color:rgb(148, 124, 145)  
}
```

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(148, 124, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 124, 145) }
```

Border

The CSS property to change the border of an element to XYZ 24.5312, 22.7555, 29.8874 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(148, 124, 145) }
```


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

```
.border{ border-color:rgb(148, 124, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 124, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 124, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 124, 145);  
box-shadow:4px 4px 4px 4px rgb(148, 124,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5312, 22.7555, 29.8874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 124, 145) }
```

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

```
.background{ background-color: rgb(148,  
124, 145) }
```

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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