

Converting Colors

XYZ(24.2939, 23.0446, 26.6005)

Have a look what the booklet for
XYZ(24.2939, 23.0446, 26.6005)
contains.

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Color

**XYZ(24.2992, 23.0888,
26.4684)**

Conversions

Conversions Part 1

Format	Color
Hex	957E88
RGB	149, 126, 136
RGB Percent	58%, 49%, 53%
CMY	0.4157, 0.5059, 0.4667
CMYK	0.00, 0.15, 0.09, 0.42
HSL	334°, 10%, 54%
HSV	334°, 15%, 58%
XYZ	24.2992, 23.0888, 26.4684
YIQ	134.0170, 10.4980, 7.9860

Conversions

Conversions Part 2

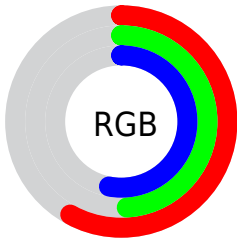
Format	Color
RYB	149, 126, 136
Decimal	9797256
CIELab	55.16, 10.60, -2.12
CIELCh	55, 10.808, 348.664
Yxy	23.0888, 0.3290, 0.3126
Android (android.graphics.Color)	4287987336 (0xFF957E88)
YUV	134.0170, 0.9776, 13.1401
Hunter-Lab	48.0508, 6.1782, 0.9761

Details

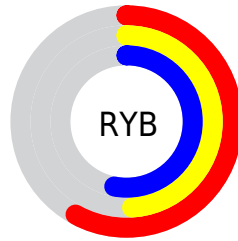
The XYZ color **24.2992, 23.0888, 26.4684** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.0127, 27.7952, 28.5268**, and the grayscale version is **22.6606, 23.8407, 25.9625**.

A 20% lighter version of the original color is **49.9340, 48.6108, 54.8951**, and **9.3706, 8.5763, 9.9656** is the 20% darker color. If you saturate the color by 10%, you get **21.9589, 19.3285, 22.8502**, and if you desaturate by 10%, it is **26.9717, 27.4375, 30.4300**.

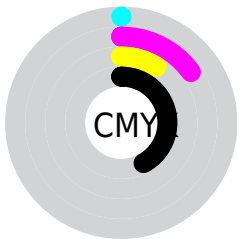
Distribution



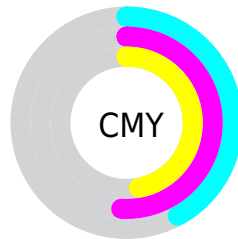
- Red (58%)
- Green (49%)
- Blue (53%)



- Red (58%)
- Yellow (49%)
- Blue (53%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (42%)



- Cyan (42%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2992, 23.0888, 26.4684 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 24.2992, 23.0888, 26.4684 by changing the saturation by 10% instead.

■ 24.2992, 23.0888,
26.4684

■ 24.2992, 23.0888,
26.4684

266.7422,
268.1808, 298.7522

■ 15.6817, 14.6591,
16.9455

■ 49.9691, 48.5391,
55.0230

■ 9.3886, 8.5805,
10.0341

■ 67.7522, 66.3285,
74.8917

■ 5.0546, 4.4686,
5.3157

■ 89.3212, 88.0065,
99.0461

■ 2.3144, 1.9390,
2.3717

115.0415,
113.9576, 127.9047

■ 0.8020, 0.5717,
0.7710

145.2784,
144.5662, 161.8861

■ 0.0000, 0.0000,
0.0000

180.3972,

180.2167, 201.4088

220.7633,
221.2934, 246.8913

■ 24.2992, 23.0888,
26.4684

■ 24.2992, 23.0888,
26.4684

■ 21.9589, 19.3285,
22.8502

■ 26.9717, 27.4375,
30.4300

■ 19.9351, 16.1282,
19.5641

■ 29.9872, 32.3955,
34.7429

■ 18.2141, 13.4615,
16.6002

■ 33.3584, 37.9863,
39.4167

■ 16.7801, 11.2988,
13.9476

■ 37.0967, 44.2313,
44.4598

■ 15.6158, 9.6076,
11.5945

■ 41.2131, 51.1509,
49.8808

■ 14.7021, 8.3515,
9.5285

■ 45.7182, 58.7646,
55.6875

■ 14.0169, 7.4886,
7.7355

■ 50.6219, 67.0909,
61.8879

■ 13.5308, 6.9623,
6.1991

■ 55.9339, 76.1481,
68.4894

■ 13.3422, 6.7687,
5.5699

■ 60.0137, 82.6533,
74.9495

Harmonies

Analogous

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



23.7335, 23.0888, 29.7879



24.2992, 23.0888, 26.4684



24.2172, 23.0888, 23.0731

Triad

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



24.2992, 23.0888, 26.4684



21.2112, 23.0888, 19.3562



20.4485, 23.0888, 30.4653

Complementary

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



24.2992, 23.0888, 26.4684



24.0127, 27.7952, 28.5268

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.



19.8200, 23.0888, 27.3264



24.2992, 23.0888, 26.4684



20.2491, 23.0888, 21.0022

Square

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



24.2992, 23.0888, 26.4684



22.4044, 23.0888, 19.1722



19.7484, 23.0888, 23.8564



21.4924, 23.0888, 32.2326

Rectangle

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



24.2992, 23.0888, 26.4684



23.8068, 23.0888, 21.2134



19.7484, 23.0888, 23.8564



20.1833, 23.0888, 29.5230

Sweetspot

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



24.2999, 23.0898, 26.4689



48.4721, 49.4143, 54.7426



23.4756, 22.5516, 31.5497



10.6706, 10.8340, 12.0277



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.



24.2999, 23.0898, 26.4689



41.7915, 38.5659, 44.7690



23.7699, 23.1145, 22.9486



5.8992, 5.8548, 6.5755



11.2436, 5.7025, 4.7638



0.1520, 0.0755, 0.1339

Inverse Universe

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



24.2999, 23.0898, 26.4689



41.7915, 38.5659, 44.7690



24.5961, 27.7389, 32.4919



5.8992, 5.8548, 6.5755



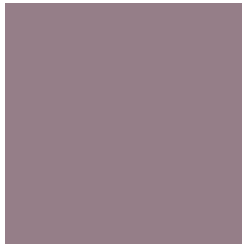
11.2436, 5.7025, 4.7638



0.1520, 0.0755, 0.1339

Previews

White Background



This preview shows how the XYZ color 24.2992, 23.0888, 26.4684 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 24.2992, 23.0888, 26.4684 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 24.2992, 23.0888, 26.4684

Background



This preview shows how black text looks on a background with the XYZ color 24.2992, 23.0888, 26.4684.



This preview shows how white text looks on a background with the XYZ color 24.2992, 23.0888,

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

24.2992, 23.0888, 26.4684

Protanopia

22.4494, 23.0832, 27.6984

Deuteranopia

23.4908, 23.0556, 26.5046



Tritanopia

24.2992, 23.0888, 26.4684

Trichromacy



Original Color

24.2992, 23.0888, 26.4684

Protanomaly

23.0852, 23.0245, 27.2722

Deuteranomaly

23.7104, 22.9761, 26.4777

Tritanomaly

24.2992, 23.0888, 26.4684

Monochromacy



Original Color

24.2992, 23.0888, 26.4684

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.1369, 23.4708, 26.2325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2992, 23.0888, 26.4684 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(149, 126, 136)` looks like.

```
.text, #text, p{  
    color:rgb(149, 126, 136)  
}
```

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(149, 126, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 126, 136) }
```

Border

The CSS property to change the border of an element to XYZ 24.2992, 23.0888, 26.4684 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(149, 126, 136) }
```


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

```
.border{ border-color:rgb(149, 126, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 126, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 126, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 126, 136);  
box-shadow:4px 4px 4px 4px rgb(149, 126,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2992, 23.0888, 26.4684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 126, 136) }
```

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

```
.background{ background-color: rgb(149,  
126, 136) }
```

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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