

Converting Colors

XYZ(24.6136, 23.2201, 28.1905)

Have a look what the booklet for
XYZ(24.6136, 23.2201, 28.1905)
contains.

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Color

**XYZ(24.6630, 23.2344,
28.3841)**

Conversions

Conversions Part 1

Format	Color
Hex	957E8D
RGB	149, 126, 141
RGB Percent	58%, 49%, 55%
CMY	0.4157, 0.5059, 0.4471
CMYK	0.00, 0.15, 0.05, 0.42
HSL	321°, 10%, 54%
HSV	321°, 15%, 58%
XYZ	24.6630, 23.2344, 28.3841
YIQ	134.5870, 8.8930, 9.5410

Conversions

Conversions Part 2

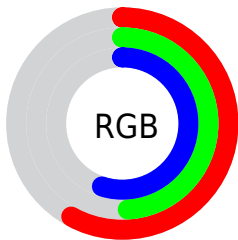
Format	Color
R_{YB}	149, 126, 141
Decimal	9797261
CIE _{Lab}	55.31, 11.53, -4.81
CIE _{LCh}	55, 12.492, 337.361
Yxy	23.2344, 0.3233, 0.3046
Android (android.graphics.Color)	4287987341 (0xFF957E8D)
YUV	134.5870, 3.1616, 12.6402
Hunter-Lab	48.2021, 6.9774, -1.1718

Details

The XYZ color **24.6630, 23.2344, 28.3841** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.6556, 27.6524, 26.6462**, and the grayscale version is **22.8632, 24.0539, 26.1947**.

A 20% lighter version of the original color is **50.5990, 48.8768, 58.3971**, and **9.5792, 8.6598, 11.0642** is the 20% darker color. If you saturate the color by 10%, you get **22.5213, 19.5535, 25.8119**, and if you desaturate by 10%, it is **27.1079, 27.4921, 31.1470**.

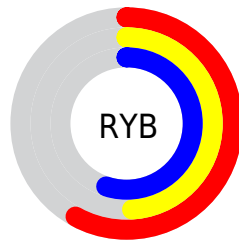
Distribution



Red (58%)

Green (49%)

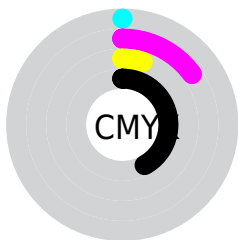
Blue (55%)



Red (58%)

Yellow (49%)

Blue (55%)

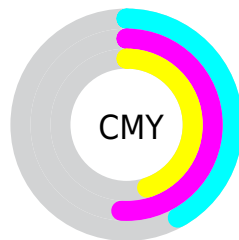


Cyan (0%)

Magenta (15%)

Yellow (5%)

Black (42%)



Cyan (42%)

Magenta (51%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6630, 23.2344, 28.3841 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 24.6630, 23.2344, 28.3841 by changing the saturation by 10% instead.

■ 24.6630, 23.2344,
28.3841

■ 24.6630, 23.2344,
28.3841

268.5342,
268.9266, 308.2672

■ 15.9535, 14.7667,
18.3738

■ 50.5568, 48.7779,
58.1276

■ 9.5819, 8.6558,
11.0465

■ 68.4719, 66.6225,
78.6978

■ 5.1828, 4.5174,
5.9836

■ 90.1862, 88.3615,
103.6252

■ 2.3908, 1.9670,
2.7665

116.0652,
114.3794, 133.3282

■ 0.8405, 0.5882,
0.9767

146.4741,
145.0604, 168.2254

■ 0.0000, 0.0000,
0.0000

181.7783,

180.7890, 208.7352

222.3432,
221.9496, 255.2763

■ 24.6630, 23.2344,
28.3841

■ 24.6630, 23.2344,
28.3841

■ 22.5213, 19.5535,
25.8119

■ 27.1079, 27.4921,
31.1470

■ 20.6680, 16.4214,
23.4233

■ 29.8659, 32.3471,
34.1043

■ 19.0902, 13.8119,
21.2133

■ 32.9491, 37.8227,
37.2614

■ 17.7729, 11.6960,
19.1755

■ 36.3681, 43.9400,
40.6230

■ 16.6999, 10.0413,
17.3032

■ 40.1332, 50.7190,
44.1935

■ 15.8530, 8.8119,
15.5890

■ 44.2541, 58.1790,
47.9775

■ 15.2112, 7.9663,
14.0247

■ 48.7402, 66.3384,
51.9790

■ 14.7462, 7.4484,
12.5994

■ 53.6007, 75.2149,
56.2022

■ 14.5601, 7.2558,
11.9836

■ 57.1940, 81.5254,
60.1009

Harmonies

Analogous

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



23.7581, 23.2344, 31.9356



24.6630, 23.2344, 28.3841



24.8630, 23.2344, 24.3232

Triad

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



24.6630, 23.2344, 28.3841



21.7404, 23.2344, 18.3955



20.0119, 23.2344, 30.2721

Complementary

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



24.6630, 23.2344, 28.3841



23.6556, 27.6524, 26.6462

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.



19.5195, 23.2344, 26.2992



24.6630, 23.2344, 28.3841



20.4897, 23.2344, 19.6510

Square

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



24.6630, 23.2344, 28.3841



23.1363, 23.2344, 18.8279



19.6906, 23.2344, 22.4447



21.0633, 23.2344, 33.1035

Rectangle

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



24.6630, 23.2344, 28.3841



24.5622, 23.2344, 21.9173



19.6906, 23.2344, 22.4447



19.7776, 23.2344, 29.0103

Sweetspot

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



24.6637, 23.2354, 28.3846



48.7014, 49.5061, 55.9503



22.6651, 22.1338, 31.5117



10.7275, 10.8568, 12.3275



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.



24.6637, 23.2354, 28.3846



42.5896, 38.8852, 48.9720



23.8742, 22.9196, 24.2273



5.9505, 5.8753, 6.8454



12.2686, 6.1125, 10.1612



0.1641, 0.0804, 0.1979

Inverse Universe

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



24.6637, 23.2354, 28.3846



42.5896, 38.8852, 48.9720



24.4761, 27.9805, 30.9667



5.9505, 5.8753, 6.8454



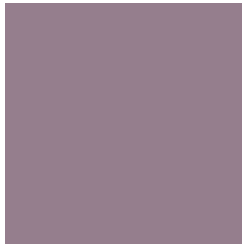
12.2686, 6.1125, 10.1612



0.1641, 0.0804, 0.1979

Previews

White Background



This preview shows how the XYZ color 24.6630, 23.2344, 28.3841 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 24.6630, 23.2344, 28.3841 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 24.6630, 23.2344, 28.3841

Background



This preview shows how black text looks on a background with the XYZ color 24.6630, 23.2344, 28.3841.



This preview shows how white text looks on a background with the XYZ color 24.6630, 23.2344,

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

24.6630, 23.2344, 28.3841

Protanopia

22.7222, 23.3722, 30.1018

Deuteranopia

23.7392, 23.3447, 28.0657



Tritanopia

24.3175, 23.2808, 26.8789

Trichromacy



Original Color

24.6630, 23.2344, 28.3841

Protanomaly

23.4979, 23.3822, 29.6603

Deuteranomaly

24.1298, 23.3515, 28.0465

Tritanomaly

24.3896, 23.3096, 27.2585

Monochromacy



Original Color

24.6630, 23.2344, 28.3841

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.5818, 23.8841, 27.0341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6630, 23.2344, 28.3841 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(149, 126, 141)  
}
```

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, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 126, 141) }
```

Border

The CSS property to change the border of an element to XYZ 24.6630, 23.2344, 28.3841 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, 141) }
```


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

```
.border{ border-color:rgb(149, 126, 141) }
```

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, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 126, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 126, 141);  
box-shadow:4px 4px 4px 4px rgb(149, 126,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6630, 23.2344, 28.3841 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, 141) }
```

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

```
.background{ background-color: rgb(149,  
126, 141) }
```

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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