

Converting Colors

XYZ(24.3892, 24.4500, 30.4371)

Have a look what the booklet for
XYZ(24.3892, 24.4500, 30.4371)
contains.

XYZ(24.3911, 24.4258, 30.6232)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.3911, 24.4258,
30.6232)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8592
RGB	140, 133, 146
RGB Percent	55%, 52%, 57%
CMY	0.4510, 0.4784, 0.4274
CMYK	0.04, 0.09, 0.00, 0.43
HSL	272°, 6%, 55%
HSV	272°, 9%, 57%
XYZ	24.3911, 24.4258, 30.6232
YIQ	136.5750, -0.0010, 5.5270

Conversions

Conversions Part 2

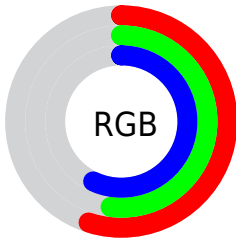
Format	Color
R_{YB}	140, 133, 146
Decimal	9209234
CIE Lab	56.51, 5.19, -6.02
CIE LCh	57, 7.944, 310.763
Yxy	24.4258, 0.3070, 0.3075
Android (android.graphics.Color)	4287399314 (0xFF8C8592)
YUV	136.5750, 4.6465, 3.0037
Hunter-Lab	49.4225, 1.6045, -2.1416

Details

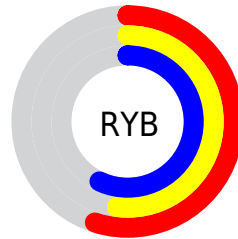
The XYZ color **24.3911, 24.4258, 30.6232** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.1607, 27.7407, 26.2198**, and the grayscale version is **23.6012, 24.8303, 27.0402**.

A 20% lighter version of the original color is **50.2324, 50.7573, 61.7932**, and **9.4981, 9.3588, 12.3722** is the 20% darker color. If you saturate the color by 10%, you get **21.4288, 20.1353, 29.9516**, and if you desaturate by 10%, it is **27.7023, 29.3099, 31.3918**.

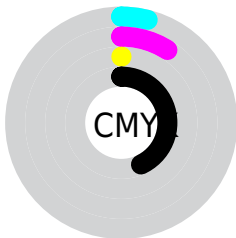
Distribution



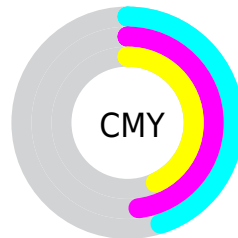
- Red (55%)
- Green (52%)
- Blue (57%)



- Red (55%)
- Yellow (52%)
- Blue (57%)



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (43%)



- Cyan (45%)
- Magenta (48%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3911, 24.4258, 30.6232 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 24.3911, 24.4258, 30.6232 by changing the saturation by 10% instead.

■ 24.3911, 24.4258,
30.6232

■ 24.3911, 24.4258,
30.6232

267.1958,
274.9662, 319.0959

■ 15.7503, 15.6498,
20.0560

■ 50.1177, 50.7242,
61.7190

■ 9.4374, 9.2767,
12.2513

■ 67.9342, 69.0153,
83.0846

■ 5.0869, 4.9221,
6.7905

■ 89.5400, 91.2469,
108.8869

■ 2.3336, 2.2016,
3.2549

115.3005,
117.8034, 139.5443

■ 0.8118, 0.7209,
1.2262

145.5809,
149.0692, 175.4753

■ 0.0000, 0.0000,
0.0002

180.7467,

■ 0.0000, 0.0000,

185.4286, 217.0986

0.0000

221.1632,
227.2662, 264.8326

■ 24.3911, 24.4258,
30.6232

■ 24.3911, 24.4258,
30.6232

■ 21.4288, 20.1353,
29.9516

■ 27.7023, 29.3099,
31.3918

■ 18.8005, 16.4119,
29.3714

■ 31.3720, 34.8067,
32.2594

■ 16.4936, 13.2316,
28.8791

■ 35.4125, 40.9381,
33.2299

■ 14.4936, 10.5676,
28.4703

■ 39.8345, 47.7239,
34.3066

■ 12.7849, 8.3904,
28.1401

■ 44.6483, 55.1834,
35.4927

■ 11.3502, 6.6678,
27.8833

■ 49.8639, 63.3347,
36.7912

■ 10.1702, 5.3633,
27.6937

■ 55.4909, 72.1953,
38.2049

■ 9.2228, 4.4347,
27.5644

■ 61.5385, 81.7823,
39.7366

■ 8.4596, 3.7876,
27.4797

■ 64.9419, 85.9645,
40.3645

Harmonies

Analogous

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



23.5481, 24.4258, 31.8935



24.3911, 24.4258, 30.6232



24.9278, 24.4258, 28.3011

Triad

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



24.3911, 24.4258, 30.6232



23.8041, 24.4258, 22.0903



21.5200, 24.4258, 27.5536

Complementary

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



24.3911, 24.4258, 30.6232



25.1607, 27.7407, 26.2198

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.



21.5844, 24.4258, 24.9599



24.3911, 24.4258, 30.6232



22.8870, 24.4258, 21.9194

Square

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



24.3911, 24.4258, 30.6232



24.5827, 24.4258, 23.4208



22.0792, 24.4258, 22.9375



21.9009, 24.4258, 30.0450

Rectangle

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



24.3911, 24.4258, 30.6232



25.0314, 24.4258, 26.5281



22.0792, 24.4258, 22.9375



21.4905, 24.4258, 26.6631

Sweetspot

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



24.3918, 24.4268, 30.6237



46.3652, 47.9942, 54.7937



24.1043, 25.5473, 30.8552



10.2157, 10.5311, 12.1665



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.



24.3918, 24.4268, 30.6237



41.7629, 41.2433, 53.7332



25.3969, 24.9489, 30.4952



5.7798, 5.7775, 7.2803



7.4009, 3.2878, 24.1756



0.1246, 0.0578, 0.2975

Inverse Universe

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



24.9025, 24.7511, 27.8919



42.8921, 41.9600, 47.7075



24.2162, 27.2504, 26.3322



5.9055, 5.8573, 6.6084



11.3445, 5.7429, 5.2951



0.1535, 0.0761, 0.1418

Previews

White Background



This preview shows how the XYZ color 24.3911, 24.4258, 30.6232 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 24.3911, 24.4258, 30.6232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

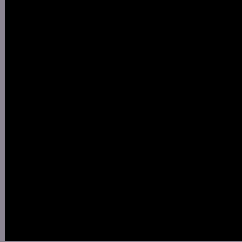
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.3911, 24.4258, 30.6232

Background



This preview shows how black text looks on a background with the XYZ color 24.3911, 24.4258, 30.6232.



This preview shows how white text looks on a background with the XYZ color 24.3911, 24.4258,

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

24.3911, 24.4258, 30.6232

Protanopia

23.9221, 24.5854, 31.0884

Deuteranopia

24.9412, 24.5071, 30.6099



Tritanopia

24.2368, 24.3641, 29.8109

Trichromacy



Original Color

24.3911, 24.4258, 30.6232

Protanomaly

24.1081, 24.4751, 31.0573

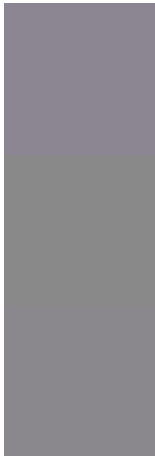
Deuteranomaly

24.7673, 24.4175, 30.6018

Tritanomaly

24.3136, 24.3948, 30.2153

Monochromacy



Original Color

24.3911, 24.4258, 30.6232

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.0190, 24.9050, 28.3522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3911, 24.4258, 30.6232 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(140, 133, 146)` looks like.

```
.text, #text, p{  
    color:rgb(140, 133, 146)  
}
```

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(140, 133, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 133, 146) }
```

Border

The CSS property to change the border of an element to XYZ 24.3911, 24.4258, 30.6232 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(140, 133, 146) }
```


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

```
.border{ border-color:rgb(140, 133, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 133, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 133, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 133, 146);  
box-shadow:4px 4px 4px 4px rgb(140, 133,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3911, 24.4258, 30.6232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 133, 146) }
```

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

```
.background{ background-color: rgb(140,  
133, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor