

Converting Colors

XYZ(24.8188, 25.9297, 30.6284)

Have a look what the booklet for
XYZ(24.8188, 25.9297, 30.6284)
contains.

XYZ(24.8247, 25.9128, 30.4813)	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(24.8247, 25.9128,
30.4813)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8B91
RGB	138, 139, 145
RGB Percent	54%, 55%, 57%
CMY	0.4588, 0.4549, 0.4314
CMYK	0.05, 0.04, 0.00, 0.43
HSL	231°, 3%, 55%
HSV	231°, 5%, 57%
XYZ	24.8247, 25.9128, 30.4813
YIQ	139.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

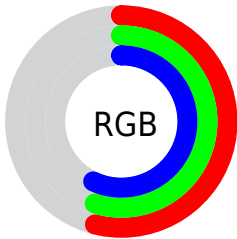
Format	Color
RYB	138, 139, 145
Decimal	9079697
CIELab	57.95, 0.84, -3.33
CIELCh	58, 3.431, 284.180
Yxy	25.9128, 0.3057, 0.3190
Android (android.graphics.Color)	4287269777 (0xFF8A8B91)
YUV	139.3850, 2.7682, -1.2146
Hunter-Lab	50.9046, -2.0338, 0.1308

Details

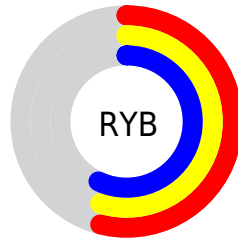
The XYZ color **24.8247, 25.9128, 30.4813** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.2379, 27.8011, 28.0286**, and the grayscale version is **24.6800, 25.9653, 28.2762**.

A 20% lighter version of the original color is **50.6443, 52.8992, 61.5741**, and **9.6624, 10.0457, 12.2562** is the 20% darker color. If you saturate the color by 10%, you get **20.8862, 21.3624, 29.8110**, and if you desaturate by 10%, it is **29.2895, 31.0395, 31.2359**.

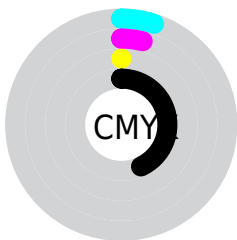
Distribution



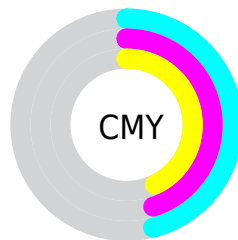
- Red (54%)
- Green (55%)
- Blue (57%)



- Red (54%)
- Yellow (55%)
- Blue (57%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (43%)



- Cyan (46%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8247, 25.9128, 30.4813 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 24.8247, 25.9128, 30.4813 by changing the saturation by 10% instead.

■ 24.8247, 25.9128,
30.4813

■ 24.8247, 25.9128,
30.4813

269.3276,
282.3538, 318.4184

■ 16.0745, 16.7584,
19.9490

■ 50.8176, 53.1342,
61.4925

■ 9.6681, 10.0624,
12.1743

■ 68.7911, 71.9701,
82.8085

■ 5.2400, 5.4403,
6.7385

■ 90.5697, 94.8019,
108.5561

■ 2.4250, 2.5079,
3.2232

116.5189,
122.0140, 139.1540

■ 0.8576, 0.8806,
1.2097

147.0039,
153.9908, 175.0206

■ 0.0000, 0.0000,
0.0000

182.3901,

191.1168, 216.5745

223.0429,
233.7763, 264.2343

■ 24.8247, 25.9128,
30.4813

■ 24.8247, 25.9128,
30.4813

■ 20.8862, 21.3624,
29.8110

■ 29.2895, 31.0395,
31.2359

■ 17.4523, 17.3649,
29.2203

■ 34.2968, 36.7584,
32.0759

■ 14.5033, 13.9000,
28.7070

■ 39.8648, 43.0887,
33.0043

■ 12.0169, 10.9452,
28.2677

■ 46.0101, 50.0480,
34.0237

■ 9.9695, 8.4761,
27.8990

■ 52.7489, 57.6529,
35.1364

■ 8.3352, 6.4663,
27.5972

■ 60.0965, 65.9195,
36.3447

■ 7.0853, 4.8870,
27.3583

■ 68.0677, 74.8634,
37.6510

■ 6.1873, 3.7059,
27.1776

■ 76.6768, 84.4997,
39.0572

■ 5.6008, 2.8848,
27.0501

■ 80.7944, 92.1914,
40.3248

Harmonies

Analogous

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



24.4131, 25.9128, 30.4635



24.8247, 25.9128, 30.4813



25.1878, 25.9128, 29.8800

Triad

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



24.8247, 25.9128, 30.4813



25.2042, 25.9128, 26.6567



23.8720, 25.9128, 27.5982

Complementary

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



24.8247, 25.9128, 30.4813



26.2379, 27.8011, 28.0286

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.



24.0792, 25.9128, 26.6123



24.8247, 25.9128, 30.4813



24.8468, 25.9128, 26.0792

Square

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



24.8247, 25.9128, 30.4813



25.4086, 25.9128, 27.6603



24.4350, 25.9128, 26.0632



23.8662, 25.9128, 28.7763

Rectangle

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



24.8247, 25.9128, 30.4813



25.3523, 25.9128, 29.2185



24.4350, 25.9128, 26.0632



23.9203, 25.9128, 27.2341

Sweetspot

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



24.8254, 25.9139, 30.4819



47.3885, 49.7782, 55.0841



25.6373, 27.6666, 30.3549



10.5536, 11.0870, 12.2560



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.



24.8254, 25.9139, 30.4819



43.4902, 45.2922, 54.4236



25.0910, 25.8365, 30.4529



5.4383, 5.6606, 6.8347



4.6224, 2.2309, 23.1641



0.0538, 0.0405, 0.2247

Inverse Universe

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



25.4263, 26.0614, 28.1175



44.8453, 45.6289, 49.0906



25.9632, 27.8857, 28.0594



5.6164, 5.7050, 6.1338



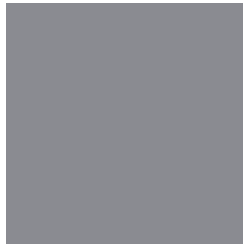
10.1363, 5.2115, 1.1032



0.1018, 0.0518, 0.0361

Previews

White Background



This preview shows how the XYZ color 24.8247, 25.9128, 30.4813 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 24.8247, 25.9128, 30.4813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

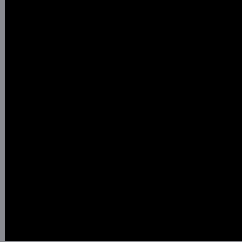
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.8247, 25.9128, 30.4813

Background



This preview shows how black text looks on a background with the XYZ color 24.8247, 25.9128, 30.4813.



This preview shows how white text looks on a background with the XYZ color 24.8247, 25.9128,

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

24.8247, 25.9128, 30.4813

Protanopia

25.0145, 25.7967, 30.4489

Deuteranopia

26.4300, 25.8873, 30.7979



Tritanopia

25.1608, 25.8359, 32.0945

Trichromacy



Original Color

24.8247, 25.9128, 30.4813

Protanomaly

24.8468, 25.7103, 30.4411

Deuteranomaly

25.8465, 25.7946, 30.8107

Tritanomaly

25.0812, 25.8040, 31.6757

Monochromacy



Original Color

24.8247, 25.9128, 30.4813

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.6878, 25.8773, 28.8929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8247, 25.9128, 30.4813 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(138, 139, 145)` looks like.

```
.text, #text, p{  
    color:rgb(138, 139, 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(138, 139, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 139, 145) }
```

Border

The CSS property to change the border of an element to XYZ 24.8247, 25.9128, 30.4813 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(138, 139, 145) }
```


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

```
.border{ border-color:rgb(138, 139, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 139, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 139, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 139, 145);  
box-shadow:4px 4px 4px 4px rgb(138, 139,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8247, 25.9128, 30.4813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 139, 145) }
```

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

```
.background{ background-color: rgb(138,  
139, 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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