

Converting Colors

XYZ(24.1579, 23.3507, 27.9312)

Have a look what the booklet for
XYZ(24.1579, 23.3507, 27.9312)
contains.

XYZ(24.1298, 23.3515, 28.0465)	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(24.1298, 23.3515,
28.0465)**

Conversions

Conversions Part 1

Format	Color
Hex	91808C
RGB	145, 128, 140
RGB Percent	57%, 50%, 55%
CMY	0.4314, 0.4980, 0.4510
CMYK	0.00, 0.12, 0.03, 0.43
HSL	318°, 7%, 54%
HSV	318°, 12%, 57%
XYZ	24.1298, 23.3515, 28.0465
YIQ	134.4510, 6.2800, 7.3360

Conversions

Conversions Part 2

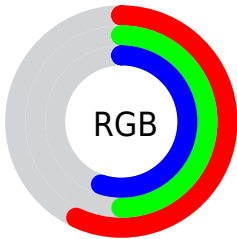
Format	Color
R _Y B	145, 128, 140
Decimal	9535628
CIE Lab	55.43, 8.70, -4.09
CIE LCh	55, 9.614, 334.798
Yxy	23.3515, 0.3195, 0.3092
Android (android.graphics.Color)	4287725708 (0xFF91808C)
YUV	134.4510, 2.7357, 9.2515
Hunter-Lab	48.3234, 4.5663, -0.5851

Details

The XYZ color **24.1298, 23.3515, 28.0465** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.2619, 26.5340, 26.0869**, and the grayscale version is **22.8152, 24.0033, 26.1396**.

A 20% lighter version of the original color is **49.8147, 49.0849, 57.8878**, and **9.2575, 8.7098, 10.8661** is the 20% darker color. If you saturate the color by 10%, you get **22.0638, 19.7128, 25.8363**, and if you desaturate by 10%, it is **26.4797, 27.5377, 30.4120**.

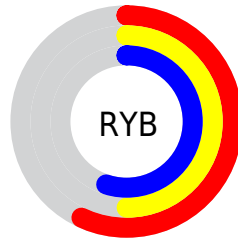
Distribution



Red (57%)

Green (50%)

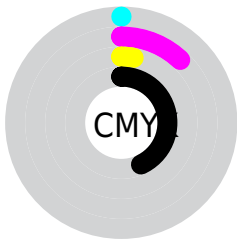
Blue (55%)



Red (57%)

Yellow (50%)

Blue (55%)

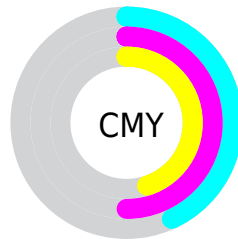


Cyan (0%)

Magenta (12%)

Yellow (3%)

Black (43%)



Cyan (43%)

Magenta (50%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1298, 23.3515, 28.0465 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 24.1298, 23.3515, 28.0465 by changing the saturation by 10% instead.

■ 24.1298, 23.3515,
28.0465

■ 24.1298, 23.3515,
28.0465

265.9044,
269.5253, 306.6080

■ 15.5552, 14.8533,
18.1214

■ 49.6951, 48.9698,
57.5827

■ 9.2988, 8.7165,
10.8668

■ 67.4164, 66.8588,
78.0308

■ 4.9953, 4.5567,
5.8643

■ 88.9174, 88.6467,
102.8236

■ 2.2792, 1.9896,
2.6953

114.5634,
114.7180, 132.3798

■ 0.7840, 0.6014,
0.9411

144.7198,
145.4571, 167.1177

■ 0.0000, 0.0000,
0.0000

179.7518,

181.2484, 207.4561

220.0249,
222.4764, 253.8133

■ 24.1298, 23.3515,
28.0465

■ 24.1298, 23.3515,
28.0465

■ 22.0638, 19.7128,
25.8363

■ 26.4797, 27.5377,
30.4120

■ 20.2680, 16.5956,
23.7754

■ 29.1222, 32.2899,
32.9356

■ 18.7309, 13.9765,
21.8596

■ 32.0683, 37.6294,
35.6219

■ 17.4390, 11.8291,
20.0835

■ 35.3279, 43.5756,
38.4747

■ 16.3777, 10.1243,
18.4418

■ 38.9101, 50.1468,
41.4978

■ 15.5309, 8.8302,
16.9282

■ 42.8241, 57.3608,
44.6949

■ 14.8802, 7.9100,
15.5359

■ 47.0782, 65.2345,
48.0694

■ 14.4040, 7.3209,
14.2570

■ 51.6809, 73.7843,
51.6245

■ 14.0928, 6.9861,
13.2672

■ 55.5119, 80.7697,
54.9877

Harmonies

Analogous

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



23.4027, 23.3515, 30.6356



24.1298, 23.3515, 28.0465



24.3319, 23.3515, 24.9310

Triad

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



24.1298, 23.3515, 28.0465



22.0214, 23.3515, 19.9418



20.5310, 23.3515, 28.9776

Complementary

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



24.1298, 23.3515, 28.0465



23.2619, 26.5340, 26.0869

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.



20.1868, 23.3515, 25.9272



24.1298, 23.3515, 28.0465



21.0294, 23.3515, 20.8429

Square

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



24.1298, 23.3515, 28.0465



23.0920, 23.3515, 20.4097



20.3663, 23.3515, 22.9737



21.3213, 23.3515, 31.2031

Rectangle

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



24.1298, 23.3515, 28.0465



24.1363, 23.3515, 23.0092



20.3663, 23.3515, 22.9737



20.3605, 23.3515, 28.0060

Sweetspot

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



24.1305, 23.3525, 28.0470



46.3808, 47.4557, 53.4376



22.4749, 22.4554, 29.9381



10.2514, 10.4384, 11.8217



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.



24.1305, 23.3525, 28.0470



42.2152, 40.0539, 49.1843



23.5402, 23.1164, 24.9386



5.5596, 5.4844, 6.4447



12.0995, 5.9968, 11.4410



0.1253, 0.0612, 0.1603

Inverse Universe

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



24.1305, 23.3525, 28.0470



42.2152, 40.0539, 49.1843



23.8595, 26.7730, 29.2337



5.5596, 5.4844, 6.4447



12.0995, 5.9968, 11.4410



0.1253, 0.0612, 0.1603

Previews

White Background



This preview shows how the XYZ color 24.1298, 23.3515, 28.0465 looks on a white background.

Color Contrast Check

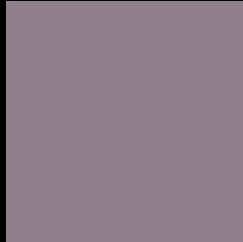
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1298, 23.3515, 28.0465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

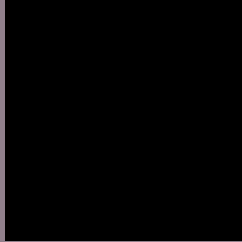
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.1298, 23.3515, 28.0465

Background



This preview shows how black text looks on a background with the XYZ color 24.1298, 23.3515, 28.0465.



This preview shows how white text looks on a background with the XYZ color 24.1298, 23.3515,

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

24.1298, 23.3515, 28.0465

Protanopia

22.6495, 23.3611, 28.9066

Deuteranopia

23.9116, 23.4336, 28.0738



Tritanopia

23.9837, 23.2931, 27.2767

Trichromacy



Original Color

24.1298, 23.3515, 28.0465

Protanomaly

23.2405, 23.4741, 28.5053

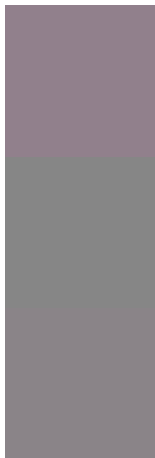
Deuteranomaly

24.0855, 23.5233, 28.0819

Tritanomaly

24.0564, 23.3222, 27.6598

Monochromacy



Original Color

24.1298, 23.3515, 28.0465

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.1764, 23.6834, 26.6424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1298, 23.3515, 28.0465 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(145, 128, 140)` looks like.

```
.text, #text, p{  
    color:rgb(145, 128, 140)  
}
```

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(145, 128, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 128, 140) }
```

Border

The CSS property to change the border of an element to XYZ 24.1298, 23.3515, 28.0465 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(145, 128, 140) }
```


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

```
.border{ border-color:rgb(145, 128, 140) }
```

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

Here you see how a box with a 4 pixel rgb(145, 128, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 128, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 128, 140);  
box-shadow:4px 4px 4px 4px rgb(145, 128,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1298, 23.3515, 28.0465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 128, 140) }
```

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

```
.background{ background-color: rgb(145,  
128, 140) }
```

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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