

Converting Colors

XYZ(23.5887, 25.4379, 23.1034)

Have a look what the booklet for
XYZ(23.5887, 25.4379, 23.1034)
contains.

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Color

**XYZ(23.5818, 25.4349,
23.0686)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8B7D
RGB	139, 139, 125
RGB Percent	55%, 55%, 49%
CMY	0.4549, 0.4549, 0.5098
CMYK	0.00, 0.00, 0.10, 0.45
HSL	60°, 6%, 52%
HSV	60°, 10%, 55%
XYZ	23.5818, 25.4349, 23.0686
YIQ	137.4040, 4.4940, -4.3540

Conversions

Conversions Part 2

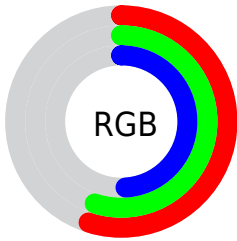
Format	Color
RYB	125, 139, 125
Decimal	9145213
CIELab	57.50, -2.61, 7.49
CIELCh	57, 7.932, 109.235
Yxy	25.4349, 0.3271, 0.3528
Android (android.graphics.Color)	4287335293 (0xFF8B8B7D)
YUV	137.4040, -6.1152, 1.3997
Hunter-Lab	50.4330, -4.7936, 8.1832

Details

The XYZ color **23.5818, 25.4349, 23.0686** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.4522, 20.8920, 27.3821**, and the grayscale version is **23.9527, 25.2001, 27.4429**.

A 20% lighter version of the original color is **48.8778, 52.2511, 49.6288**, and **8.9967, 9.7904, 8.2530** is the 20% darker color. If you saturate the color by 10%, you get **22.7551, 25.1050, 18.7145**, and if you desaturate by 10%, it is **24.5342, 25.8167, 28.0784**.

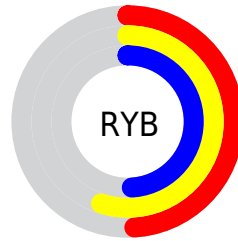
Distribution



Red (55%)

Green (55%)

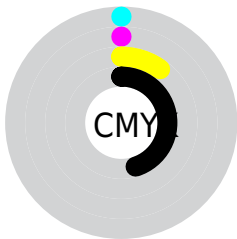
Blue (49%)



Red (49%)

Yellow (55%)

Blue (49%)

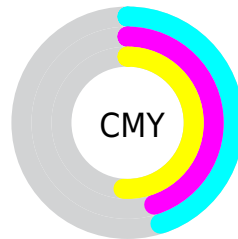


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (45%)



Cyan (45%)

Magenta (45%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5818, 25.4349, 23.0686 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 23.5818, 25.4349, 23.0686 by changing the saturation by 10% instead.

■ 23.5818, 25.4349,
23.0686

■ 23.5818, 25.4349,
23.0686

263.1792,
279.9969, 281.2105

■ 15.1467, 16.4014,
14.4384

■ 48.8066, 52.3619,
49.4306

■ 9.0094, 9.8086,
8.2840

■ 66.3270, 71.0241,
67.9994

■ 4.8045, 5.2722,
4.1868

■ 87.6065, 93.6647,
90.7182

■ 2.1666, 2.4079,
1.7284

113.0106,
120.6681, 118.0055

■ 0.7250, 0.8299,
0.3801

142.9046,
152.4186, 150.2798

■ 0.0000, 0.0000,
0.0000

177.6537,

189.3006, 187.9597

217.6235,
231.6986, 231.4638

■ 23.5818, 25.4349,
23.0686

■ 23.5818, 25.4349,
23.0686

■ 22.7551, 25.1050,
18.7145

■ 24.5342, 25.8167,
28.0784

■ 22.0469, 24.8217,
14.9874

■ 25.6150, 26.2491,
33.7678

■ 21.4524, 24.5838,
11.8590

■ 26.8296, 26.7350,
40.1614

■ 20.9656, 24.3891,
9.2981

■ 28.1823, 27.2761,
47.2820

■ 20.5802, 24.2348,
7.2706

■ 29.6772, 27.8741,
55.1517

■ 20.2889, 24.1183,
5.7390

■ 31.3183, 28.5306,
63.7913

■ 20.0837, 24.0361,
4.6607

■ 33.1094, 29.2471,
73.2210

■ 19.9551, 23.9847,
3.9861

■ 35.0543, 30.0251,
83.4603

■ 19.8768, 23.9533,
3.5758

■ 37.1564, 30.8660,
94.5277

Harmonies

Analogous

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



24.5159, 25.4349, 22.8930



23.5818, 25.4349, 23.0686



22.8257, 25.4349, 24.4355

Triad

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



23.5818, 25.4349, 23.0686



23.0087, 25.4349, 31.8228



26.0032, 25.4349, 28.6770

Complementary

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



23.5818, 25.4349, 23.0686



20.4522, 20.8920, 27.3821

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.



25.5767, 25.4349, 31.2306



23.5818, 25.4349, 23.0686



23.8375, 25.4349, 33.1238

Square

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



23.5818, 25.4349, 23.0686



22.5008, 25.4349, 29.4431



24.7783, 25.4349, 32.9003



25.9304, 25.4349, 26.0161

Rectangle

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



23.5818, 25.4349, 23.0686



22.5166, 25.4349, 25.8912



24.7783, 25.4349, 32.9003



25.9131, 25.4349, 29.5792

Sweetspot

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



23.5825, 25.4360, 23.0691



43.4004, 46.0173, 47.4714



21.6836, 21.6375, 22.4360



9.9702, 10.5914, 10.7792



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.5825, 25.4360, 23.0691



41.8870, 45.4119, 39.5062



22.4510, 24.8527, 23.0162



5.4310, 5.8449, 5.3943



17.9387, 21.6177, 3.2272



0.1192, 0.1436, 0.0214

Inverse Universe

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



20.4522, 20.8920, 27.3821



35.1628, 35.6506, 48.7709



21.5103, 21.4374, 27.4316



4.7747, 4.8923, 6.2985



4.2064, 1.6826, 22.1488



0.0280, 0.0112, 0.1471

Previews

White Background



This preview shows how the XYZ color 23.5818, 25.4349, 23.0686 looks on a white background.

Color Contrast Check

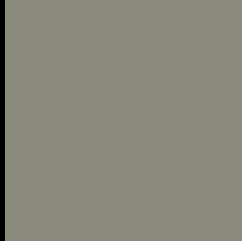
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5818, 25.4349, 23.0686 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

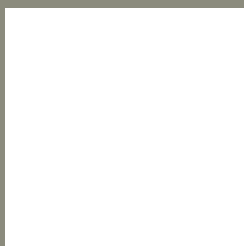
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5818, 25.4349, 23.0686

Background



This preview shows how black text looks on a background with the XYZ color 23.5818, 25.4349, 23.0686.



This preview shows how white text looks on a background with the XYZ color 23.5818, 25.4349,

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

23.5818, 25.4349, 23.0686

Protanopia

24.2282, 25.5615, 22.7257

Deuteranopia

25.8637, 25.3493, 23.2684



Tritanopia

25.2259, 25.4657, 31.1896

Trichromacy



Original Color

23.5818, 25.4349, 23.0686

Protanomaly

23.8819, 25.3830, 22.7095

Deuteranomaly

25.0075, 25.3183, 23.3076

Tritanomaly

24.5904, 25.4181, 28.0362

Monochromacy



Original Color

23.5818, 25.4349, 23.0686

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.8033, 25.2737, 25.8140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5818, 25.4349, 23.0686 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(139, 139, 125)` looks like.

```
.text, #text, p{  
    color:rgb(139, 139, 125)  
}
```

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(139, 139, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 139, 125) }
```

Border

The CSS property to change the border of an element to XYZ 23.5818, 25.4349, 23.0686 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(139, 139, 125) }
```


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

```
.border{ border-color:rgb(139, 139, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 139, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 139, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 139, 125);  
box-shadow:4px 4px 4px 4px rgb(139, 139,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5818, 25.4349, 23.0686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 139, 125) }
```

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

```
.background{ background-color: rgb(139,  
139, 125) }
```

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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