

Converting Colors

XYZ(23.7870, 23.5349, 25.2335)

Have a look what the booklet for
XYZ(23.7870, 23.5349, 25.2335)
contains.

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Color

**XYZ(23.8245, 23.6509,
25.1392)**

Conversions

Conversions Part 1

Format	Color
Hex	918284
RGB	145, 130, 132
RGB Percent	57%, 51%, 52%
CMY	0.4314, 0.4902, 0.4823
CMYK	0.00, 0.10, 0.09, 0.43
HSL	352°, 6%, 54%
HSV	352°, 10%, 57%
XYZ	23.8245, 23.6509, 25.1392
YIQ	134.7130, 8.2980, 3.8020

Conversions

Conversions Part 2

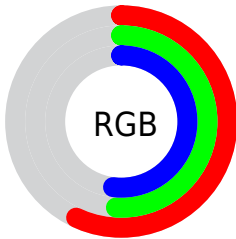
Format	Color
R_{YB}	145, 130, 132
Decimal	9536132
CIE Lab	55.74, 6.05, 0.99
CIE LCh	56, 6.128, 9.284
Yxy	23.6509, 0.3281, 0.3257
Android (android.graphics.Color)	4287726212 (0xFF918284)
YUV	134.7130, -1.3375, 9.0217
Hunter-Lab	48.6322, 2.3393, 3.3940

Details

The XYZ color **23.8245, 23.6509, 25.1392** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.2901, 26.9803, 29.9153**, and the grayscale version is **22.9260, 24.1199, 26.2666**.

A 20% lighter version of the original color is **49.2436, 49.5119, 52.8603**, and **9.1199, 8.8891, 9.4187** is the 20% darker color. If you saturate the color by 10%, you get **21.2212, 19.7387, 20.2806**, and if you desaturate by 10%, it is **26.8046, 28.1503, 30.6352**.

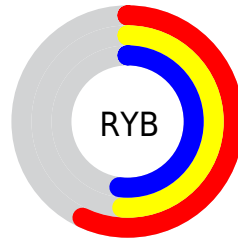
Distribution



Red (57%)

Green (51%)

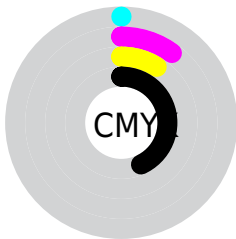
Blue (52%)



Red (57%)

Yellow (51%)

Blue (52%)

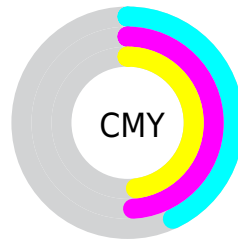


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (43%)



Cyan (43%)

Magenta (49%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8245, 23.6509, 25.1392 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 23.8245, 23.6509, 25.1392 by changing the saturation by 10% instead.

■ 23.8245, 23.6509,
25.1392

■ 23.8245, 23.6509,
25.1392

264.3890,
271.0508, 292.0003

■ 15.3275, 15.0749,
15.9608

■ 49.2004, 49.4599,
52.8499

■ 9.1374, 8.8719,
9.3424

■ 66.8101, 67.4617,
72.2193

■ 4.8887, 4.6577,
4.8653

■ 88.1880, 89.3741,
95.8227

■ 2.2162, 2.0479,
2.1111

113.6995,
115.5817, 124.0788

■ 0.7513, 0.6351,
0.6224

143.7100,
146.4688, 157.4061

■ 0.0000, 0.0000,
0.0000

178.5849,

182.4197, 196.2231

218.6894,
223.8189, 240.9483

■ 23.8245, 23.6509,
25.1392

■ 23.8245, 23.6509,
25.1392

■ 21.2212, 19.7387,
20.2806

■ 26.8046, 28.1503,
30.6352

■ 18.9778, 16.3865,
16.0350

■ 30.1735, 33.2563,
36.7891

■ 17.0789, 13.5695,
12.3782

■ 33.9455, 38.9917,
43.6221

■ 15.5073, 11.2600,
9.2842

■ 38.1332, 45.3766,
51.1543

■ 14.2443, 9.4277,
6.7248

■ 42.7488, 52.4307,
59.4047

■ 13.2694, 8.0391,
4.6696

■ 47.8041, 60.1727,
68.3917

■ 12.5594, 7.0564,
3.0849

■ 53.3102, 68.6204,
78.1330

■ 12.0875, 6.4353,
1.9328

■ 59.2780, 77.7912,
88.6457

■ 11.7974, 6.0679,
1.1796

■ 63.9368, 84.1397,
99.3526

Harmonies

Analogous

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



23.7529, 23.6509, 27.1297



23.8245, 23.6509, 25.1392



23.5299, 23.6509, 23.4034

Triad

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



23.8245, 23.6509, 25.1392



21.6438, 23.6509, 22.9012



22.0100, 23.6509, 29.5006

Complementary

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



23.8245, 23.6509, 25.1392



24.2901, 26.9803, 29.9153

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.



21.4607, 23.6509, 28.2523



23.8245, 23.6509, 25.1392



21.2524, 23.6509, 24.4214

Square

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



23.8245, 23.6509, 25.1392



22.2645, 23.6509, 22.1558



21.1860, 23.6509, 26.3743



22.6958, 23.6509, 29.7172

Rectangle

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



23.8245, 23.6509, 25.1392



23.1691, 23.6509, 22.5992



21.1860, 23.6509, 26.3743



21.8037, 23.6509, 29.1848

Sweetspot

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



23.8252, 23.6519, 25.1397



46.4835, 48.1156, 52.0710



24.4218, 23.8503, 30.1047



10.2487, 10.5648, 11.4144



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.



23.8252, 23.6519, 25.1397



41.7265, 40.9406, 43.2747



24.4409, 25.1001, 24.6769



5.4363, 5.4351, 5.7957



10.1250, 5.2070, 1.0437



0.1013, 0.0516, 0.0339

Inverse Universe

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



23.8252, 23.6519, 25.1397



41.7265, 40.9406, 43.2747



23.6227, 25.4013, 30.4462



5.4363, 5.4351, 5.7957



10.1250, 5.2070, 1.0437



0.1013, 0.0516, 0.0339

Previews

White Background



This preview shows how the XYZ color 23.8245, 23.6509, 25.1392 looks on a white background.

Color Contrast Check

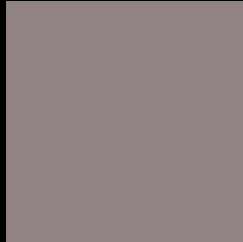
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.8245, 23.6509, 25.1392 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 23.8245, 23.6509, 25.1392

Background



This preview shows how black text looks on a background with the XYZ color 23.8245, 23.6509, 25.1392.



This preview shows how white text looks on a background with the XYZ color 23.8245, 23.6509,

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

23.8245, 23.6509, 25.1392

Protanopia

22.8439, 23.7305, 25.9307

Deuteranopia

24.0477, 23.5695, 25.1117



Tritanopia

24.3645, 23.6756, 27.7118

Trichromacy



Original Color

23.8245, 23.6509, 25.1392

Protanomaly

23.1324, 23.6850, 25.5427

Deuteranomaly

23.8692, 23.4774, 25.1034

Tritanomaly

24.1483, 23.5891, 26.5729

Monochromacy



Original Color

23.8245, 23.6509, 25.1392

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.3381, 23.9853, 25.9538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8245, 23.6509, 25.1392 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, 130, 132) looks like.

```
.text, #text, p{  
    color:rgb(145, 130, 132)  
}
```

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, 130, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 130, 132) }
```

Border

The CSS property to change the border of an element to XYZ 23.8245, 23.6509, 25.1392 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, 130, 132) }
```


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

```
.border{ border-color:rgb(145, 130, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 130, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 130, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 130, 132);  
box-shadow:4px 4px 4px 4px rgb(145, 130,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8245, 23.6509, 25.1392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 130, 132) }
```

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

```
.background{ background-color: rgb(145,  
130, 132) }
```

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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