

Converting Colors

XYZ(24.2111, 24.9823, 23.8677)

Have a look what the booklet for
XYZ(24.2111, 24.9823, 23.8677)
contains.

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Color

**XYZ(24.2373, 24.9062,
23.9520)**

Conversions

Conversions Part 1

Format	Color
Hex	918780
RGB	145, 135, 128
RGB Percent	57%, 53%, 50%
CMY	0.4314, 0.4706, 0.4980
CMYK	0.00, 0.07, 0.12, 0.43
HSL	25°, 7%, 54%
HSV	25°, 12%, 57%
XYZ	24.2373, 24.9062, 23.9520
YIQ	137.1920, 8.2070, -0.0570

Conversions

Conversions Part 2

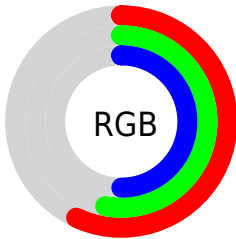
Format	Color
R_{YB}	145, 140, 128
Decimal	9537408
CIE _{Lab}	56.98, 2.48, 5.10
CIE _{LCh}	57, 5.674, 64.059
Yxy	24.9062, 0.3316, 0.3407
Android (android.graphics.Color)	4287727488 (0xFF918780)
YUV	137.1920, -4.5317, 6.8476
Hunter-Lab	49.9061, -0.6458, 6.4786

Details

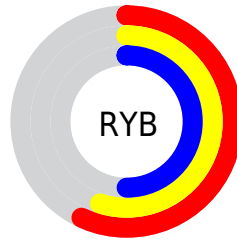
The XYZ color **24.2373, 24.9062, 23.9520** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.1013, 24.8100, 30.3595**, and the grayscale version is **23.8655, 25.1083, 27.3430**.

A 20% lighter version of the original color is **49.8769, 51.4447, 51.0171**, and **9.2759, 9.4412, 8.7306** is the 20% darker color. If you saturate the color by 10%, you get **22.2080, 22.2673, 18.8986**, and if you desaturate by 10%, it is **26.4997, 27.7925, 29.7567**.

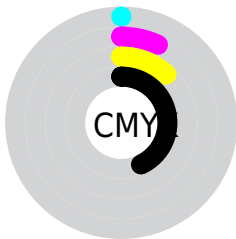
Distribution



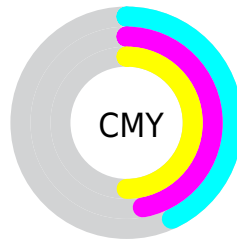
- Red (57%)
- Green (53%)
- Blue (50%)



- Red (57%)
- Yellow (55%)
- Blue (50%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (43%)



- Cyan (43%)
- Magenta (47%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2373, 24.9062, 23.9520 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 24.2373, 24.9062, 23.9520 by changing the saturation by 10% instead.

■ 24.2373, 24.9062,
23.9520

■ 24.2373, 24.9062,
23.9520

266.4363,
277.3705, 285.8565

■ 15.6354, 16.0072,
15.0861

■ 49.8690, 51.5050,
50.8947

■ 9.3558, 9.5292,
8.7326

■ 67.6296, 69.9736,
69.8086

■ 5.0329, 5.0880,
4.4727

■ 89.1738, 92.4008,
92.9090

■ 2.3015, 2.2990,
1.8881

114.8669,
119.1711, 120.6144

■ 0.7955, 0.7732,
0.4852

145.0744,
150.6688, 153.3433

■ 0.0000, 0.0000,
0.0000

180.1615,

187.2783, 191.5142

220.4937,
229.3841, 235.5458

■ 24.2373, 24.9062,
23.9520

■ 24.2373, 24.9062,
23.9520

■ 22.2080, 22.2673,
18.8986

■ 26.4997, 27.7925,
29.7567

■ 20.4018, 19.8657,
14.5638

■ 29.0007, 30.9294,
36.3403

■ 18.8109, 17.6954,
10.9148

■ 31.7481, 34.3241,
43.7309

■ 17.4262, 15.7491,
7.9159

■ 34.7490, 37.9826,
51.9550

■ 16.2380, 14.0188,
5.5277

■ 38.0098, 41.9106,
61.0375

■ 15.2354, 12.4960,
3.7068

■ 41.5369, 46.1139,
71.0025

■ 14.4067, 11.1715,
2.4039

■ 45.3365, 50.5977,
81.8732

■ 13.7381, 10.0354,
1.5608

■ 49.4144, 55.3674,
93.6717

■ 13.2789, 9.2233,
1.0804

■ 53.2074, 60.2003,
103.4232

Harmonies

Analogous

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



24.7496, 24.9062, 25.1157



24.2373, 24.9062, 23.9520



23.5820, 24.9062, 23.6218

Triad

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



24.2373, 24.9062, 23.9520



22.4179, 24.9062, 27.3791



24.3972, 24.9062, 30.2724

Complementary

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



24.2373, 24.9062, 23.9520



23.1013, 24.8100, 30.3595

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.



23.7634, 24.9062, 30.9446



24.2373, 24.9062, 23.9520



22.6273, 24.9062, 29.2253

Square

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



24.2373, 24.9062, 23.9520



22.5394, 24.9062, 25.5455



23.1167, 24.9062, 30.5527



24.8431, 24.9062, 28.7551

Rectangle

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



24.2373, 24.9062, 23.9520



23.1543, 24.9062, 23.9052



23.1167, 24.9062, 30.5527



24.1986, 24.9062, 30.6079

Sweetspot

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



24.2380, 24.9073, 23.9525



46.4628, 48.5126, 50.7129



23.9985, 23.2992, 27.3534



10.2724, 10.7112, 11.1171



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.



24.2380, 24.9073, 23.9525



42.4337, 43.3494, 40.4448



25.4412, 27.3136, 24.3536



5.5799, 5.7662, 5.7083



11.4142, 7.9601, 0.9349



0.1300, 0.1178, 0.0159

Inverse Universe

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



23.1013, 24.8100, 30.3595



39.9945, 43.1403, 54.1925



21.9560, 22.5194, 29.9778



5.3765, 5.7488, 6.8550



7.2143, 7.4146, 24.0280



0.0907, 0.1144, 0.2370

Previews

White Background



This preview shows how the XYZ color 24.2373, 24.9062, 23.9520 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 24.2373, 24.9062, 23.9520 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 24.2373, 24.9062, 23.9520

Background



This preview shows how black text looks on a background with the XYZ color 24.2373, 24.9062, 23.9520.



This preview shows how white text looks on a background with the XYZ color 24.2373, 24.9062,

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

24.2373, 24.9062, 23.9520

Protanopia

23.7511, 24.8560, 24.3148

Deuteranopia

25.3506, 24.8598, 24.2312



Tritanopia

25.3781, 24.9613, 29.4670

Trichromacy



Original Color

24.2373, 24.9062, 23.9520

Protanomaly

23.9219, 24.9441, 24.3227

Deuteranomaly

24.9277, 24.8441, 24.2504

Tritanomaly

24.9666, 24.9962, 27.5536

Monochromacy



Original Color

24.2373, 24.9062, 23.9520

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.9225, 24.9050, 26.1006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2373, 24.9062, 23.9520 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, 135, 128)` looks like.

```
.text, #text, p{  
    color:rgb(145, 135, 128)  
}
```

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, 135, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 135, 128) }
```

Border

The CSS property to change the border of an element to XYZ 24.2373, 24.9062, 23.9520 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, 135, 128) }
```


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

```
.border{ border-color:rgb(145, 135, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 135, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 135, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 135, 128);  
box-shadow:4px 4px 4px 4px rgb(145, 135,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2373, 24.9062, 23.9520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 135, 128) }
```

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

```
.background{ background-color: rgb(145,  
135, 128) }
```

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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