

Converting Colors

XYZ(23.0818, 24.1707, 25.5068)

Have a look what the booklet for
XYZ(23.0818, 24.1707, 25.5068)
contains.

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Color

**XYZ(23.2141, 24.3398,
25.6648)**

Conversions

Conversions Part 1

Format	Color
Hex	898785
RGB	137, 135, 133
RGB Percent	54%, 53%, 52%
CMY	0.4627, 0.4706, 0.4784
CMYK	0.00, 0.01, 0.03, 0.46
HSL	30°, 2%, 53%
HSV	30°, 3%, 54%
XYZ	23.2141, 24.3398, 25.6648
YIQ	135.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

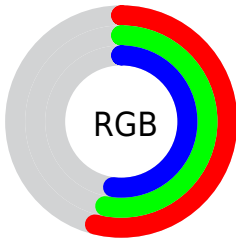
Format	Color
R _{YB}	137, 137, 133
Decimal	9013125
CIE Lab	56.43, 0.36, 1.33
CIE LCh	56, 1.376, 74.892
Yxy	24.3398, 0.3171, 0.3324
Android (android.graphics.Color)	4287203205 (0xFF898785)
YUV	135.3700, -1.1684, 1.4295
Hunter-Lab	49.3354, -2.3461, 3.6915

Details

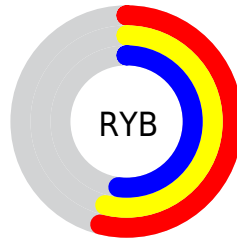
The XYZ color **23.2141, 24.3398, 25.6648** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.8520, 24.1201, 27.1183**, and the grayscale version is **23.1709, 24.3776, 26.5472**.

A 20% lighter version of the original color is **48.0814, 50.4588, 53.6597**, and **8.7792, 9.1633, 9.6935** is the 20% darker color. If you saturate the color by 10%, you get **21.4050, 22.1387, 20.6927**, and if you desaturate by 10%, it is **25.2093, 26.7150, 31.3087**.

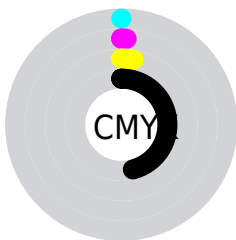
Distribution



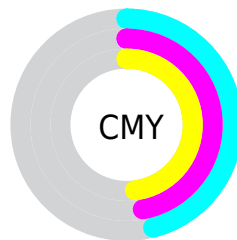
- Red (54%)
- Green (53%)
- Blue (52%)



- Red (54%)
- Yellow (54%)
- Blue (52%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (46%)



- Cyan (46%)
- Magenta (47%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2141, 24.3398, 25.6648 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 23.2141, 24.3398, 25.6648 by changing the saturation by 10% instead.

■ 23.2141, 24.3398,
25.6648

■ 23.2141, 24.3398,
25.6648

261.3376,
274.5339, 294.6856

■ 14.8732, 15.5859,
16.3495

■ 48.2087, 50.5841,
53.7111

■ 8.8162, 9.2316,
9.6148

■ 65.5932, 68.8433,
73.2792

■ 4.6776, 4.8925,
5.0421

■ 86.7229, 91.0398,
97.1021

■ 2.0922, 2.1844,
2.2128

111.9632,
117.5578, 125.5981

■ 0.6850, 0.7114,
0.6817

141.6795,
148.7818, 159.1860

■ 0.0000, 0.0000,
0.0000

176.2371,

185.0963, 198.2842

216.0013,
226.8855, 243.3112

■ 23.2141, 24.3398,
25.6648

■ 23.2141, 24.3398,
25.6648

■ 21.4050, 22.1387,
20.6927

■ 25.2093, 26.7150,
31.3087

■ 19.7742, 20.1044,
16.3654

■ 27.3943, 29.2653,
37.6468

■ 18.3161, 18.2336,
12.6566

■ 29.7750, 31.9954,
44.7025

■ 17.0241, 16.5217,
9.5373

■ 32.3566, 34.9093,
52.4974

■ 15.8911, 14.9638,
6.9763

■ 35.1439, 38.0103,
61.0524

■ 14.9094, 13.5549,
4.9395

■ 38.1418, 41.3022,
70.3874

■ 14.0705, 12.2894,
3.3890

■ 41.3548, 44.7882,
80.5218

■ 13.3649, 11.1612,
2.2817

■ 44.7873, 48.4718,
91.4741

■ 12.7817, 10.1636,
1.5667

■ 48.2334, 52.2719,
102.1551

Harmonies

Analogous

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



23.3517, 24.3398, 25.8882



23.2141, 24.3398, 25.6648



23.0557, 24.3398, 25.6640

Triad

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



23.2141, 24.3398, 25.6648



22.8398, 24.3398, 26.7278



23.3509, 24.3398, 27.1276

Complementary

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



23.2141, 24.3398, 25.6648



22.8520, 24.1201, 27.1183

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.



23.2130, 24.3398, 27.3579



23.2141, 24.3398, 25.6648



22.9181, 24.3398, 27.1252

Square

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



23.2141, 24.3398, 25.6648



22.8401, 24.3398, 26.2741



23.0546, 24.3398, 27.3570



23.4309, 24.3398, 26.7310

Rectangle

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



23.2141, 24.3398, 25.6648



22.9596, 24.3398, 25.7896



23.0546, 24.3398, 27.3570



23.3097, 24.3398, 27.2273

Sweetspot

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



23.2148, 24.3409, 25.6653



42.2251, 44.3726, 47.7854



23.0775, 23.8430, 26.3078



9.4763, 9.9590, 10.7332



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



23.2148, 24.3409, 25.6653



41.1775, 43.1130, 44.8596



23.4960, 24.9033, 25.7591



5.4246, 5.6761, 5.8728



11.5815, 8.8973, 1.1069



0.0916, 0.0883, 0.0122

Inverse Universe

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



22.8520, 24.1201, 27.1183



40.2746, 42.5635, 48.4760



22.5760, 23.5681, 27.0263



5.2912, 5.5949, 6.4069



6.1660, 5.6023, 22.8021



0.0556, 0.0664, 0.1563

Previews

White Background



This preview shows how the XYZ color 23.2141, 24.3398, 25.6648 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 23.2141, 24.3398, 25.6648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

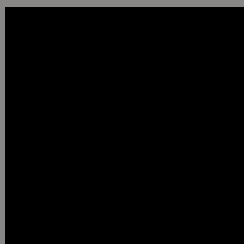
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

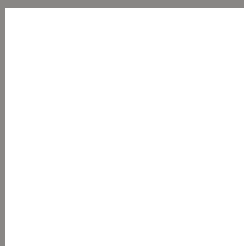
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.2141, 24.3398, 25.6648

Background



This preview shows how black text looks on a background with the XYZ color 23.2141, 24.3398, 25.6648.



This preview shows how white text looks on a background with the XYZ color 23.2141, 24.3398,

25.6648.

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

23.2141, 24.3398, 25.6648

Protanopia

23.3788, 24.4247, 25.6725

Deuteranopia

24.8138, 24.3434, 25.9452



Tritanopia

24.0690, 24.2776, 29.8030

Trichromacy



Original Color

23.2141, 24.3398, 25.6648

Protanomaly

23.3788, 24.4247, 25.6725

Deuteranomaly

24.2314, 24.2435, 25.9566

Tritanomaly

23.7400, 24.3469, 28.2591

Monochromacy



Original Color

23.2141, 24.3398, 25.6648

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.1204, 24.2834, 26.0228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2141, 24.3398, 25.6648 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(137, 135, 133)` looks like.

```
.text, #text, p{  
    color:rgb(137, 135, 133)  
}
```

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(137, 135, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 135, 133) }
```

Border

The CSS property to change the border of an element to XYZ 23.2141, 24.3398, 25.6648 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(137, 135, 133) }
```


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

```
.border{ border-color:rgb(137, 135, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 135, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 135, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 135, 133);  
box-shadow:4px 4px 4px 4px rgb(137, 135,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2141, 24.3398, 25.6648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 135, 133) }
```

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

```
.background{ background-color: rgb(137,  
135, 133) }
```

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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