

Converting Colors

XYZ(23.0302, 23.9751, 24.3222)

Have a look what the booklet for
XYZ(23.0302, 23.9751, 24.3222)
contains.

XYZ(23.1350, 24.1241, 24.2060)	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(23.1350, 24.1241,
24.2060)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8681
RGB	139, 134, 129
RGB Percent	55%, 53%, 51%
CMY	0.4549, 0.4745, 0.4941
CMYK	0.00, 0.04, 0.07, 0.45
HSL	30°, 4%, 53%
HSV	30°, 7%, 55%
XYZ	23.1350, 24.1241, 24.2060
YIQ	134.9250, 4.5850, -0.4950

Conversions

Conversions Part 2

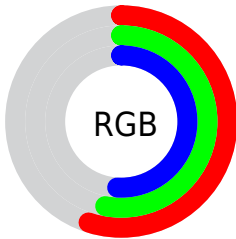
Format	Color
R_{YB}	139, 139, 129
Decimal	9143937
CIE _{Lab}	56.21, 0.93, 3.35
CIE _{LCh}	56, 3.472, 74.492
Yxy	24.1241, 0.3237, 0.3376
Android (android.graphics.Color)	4287334017 (0xFF8B8681)
YUV	134.9250, -2.9210, 3.5738
Hunter-Lab	49.1163, -1.8755, 5.1615

Details

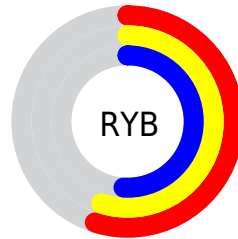
The XYZ color **23.1350, 24.1241, 24.2060** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.2386, 23.5811, 27.8059**, and the grayscale version is **23.0111, 24.2095, 26.3642**.

A 20% lighter version of the original color is **47.9520, 50.1245, 51.4036**, and **8.7381, 9.0437, 8.8745** is the 20% darker color. If you saturate the color by 10%, you get **21.3446, 21.9225, 19.3567**, and if you desaturate by 10%, it is **25.1156, 26.5043, 29.7395**.

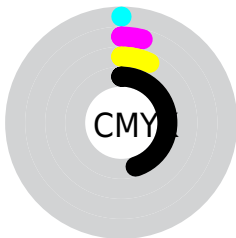
Distribution



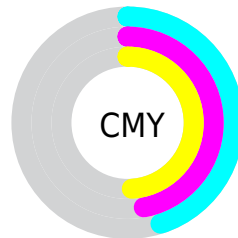
- Red (55%)
- Green (53%)
- Blue (51%)



- Red (55%)
- Yellow (55%)
- Blue (51%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (45%)



- Cyan (45%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1350, 24.1241, 24.2060 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 23.1350, 24.1241, 24.2060 by changing the saturation by 10% instead.

■ 23.1350, 24.1241,
24.2060

■ 23.1350, 24.1241,
24.2060

260.9400,
273.4473, 287.1803

■ 14.8145, 15.4257,
15.2729

■ 48.0799, 50.2326,
51.3142

■ 8.7747, 9.1187,
8.8624

■ 65.4350, 68.4116,
70.3264

■ 4.6505, 4.8187,
4.5559

■ 86.5324, 90.5195,
93.5353

■ 2.0763, 2.1413,
1.9350

111.7373,
116.9407, 121.3595

■ 0.6763, 0.6877,
0.5149

141.4152,
148.0597, 154.2176

■ 0.0000, 0.0000,
0.0000

175.9314,

184.2609, 192.5281

215.6512,
225.9286, 236.7095

■ 23.1350, 24.1241,
24.2060

■ 23.1350, 24.1241,
24.2060

■ 21.3446, 21.9225,
19.3567

■ 25.1156, 26.5043,
29.7395

■ 19.7361, 19.8919,
15.1629

■ 27.2902, 29.0641,
35.9810

■ 18.3035, 18.0287,
11.5966

■ 29.6652, 31.8086,
42.9552

■ 17.0399, 16.3281,
8.6268

■ 32.2460, 34.7419,
50.6850

■ 15.9375, 14.7848,
6.2199

■ 35.0377, 37.8677,
59.1924

■ 14.9880, 13.3935,
4.3389

■ 38.0455, 41.1897,
68.4985

■ 14.1824, 12.1480,
2.9426

■ 41.2740, 44.7115,
78.6236

■ 13.5101, 11.0420,
1.9830

■ 44.7279, 48.4365,
89.5871

■ 12.9530, 10.0656,
1.3722

■ 48.4117, 52.3682,
101.4080

Harmonies

Analogous

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



23.4809, 24.1241, 24.7570



23.1350, 24.1241, 24.2060



22.7378, 24.1241, 24.1964

Triad

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



23.1350, 24.1241, 24.2060



22.1944, 24.1241, 26.8208



23.4712, 24.1241, 27.8660

Complementary

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



23.1350, 24.1241, 24.2060



22.2386, 23.5811, 27.8059

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.



23.1218, 24.1241, 28.4525



23.1350, 24.1241, 24.2060



22.3862, 24.1241, 27.8373

Square

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



23.1350, 24.1241, 24.2060



22.1978, 24.1241, 25.6839



22.7247, 24.1241, 28.4419



23.6766, 24.1241, 26.8590

Rectangle

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



23.1350, 24.1241, 24.2060



22.4975, 24.1241, 24.4972



22.7247, 24.1241, 28.4419



23.3665, 24.1241, 28.1201

Sweetspot

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



23.1357, 24.1252, 24.2065



43.2147, 45.3579, 48.2968



22.8011, 22.9111, 25.7751



9.9687, 10.4647, 11.1593



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.



23.1357, 24.1252, 24.2065



40.7627, 42.3888, 41.5142



23.8428, 25.5395, 24.4422



5.2260, 5.4349, 5.3260



11.5774, 8.8893, 1.1056



0.0915, 0.0883, 0.0122

Inverse Universe

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



22.2386, 23.5811, 27.8059



38.7361, 41.1598, 49.6460



21.5641, 22.2321, 27.5811



4.9676, 5.2782, 6.3628



6.1700, 5.6104, 22.8034



0.0556, 0.0665, 0.1564

Previews

White Background



This preview shows how the XYZ color 23.1350, 24.1241, 24.2060 looks on a white background.

Color Contrast Check

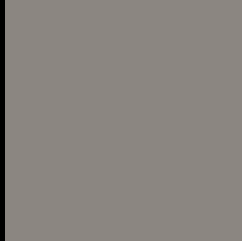
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1350, 24.1241, 24.2060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

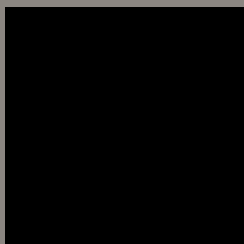
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

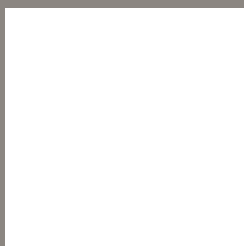
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1350, 24.1241, 24.2060

Background



This preview shows how black text looks on a background with the XYZ color 23.1350, 24.1241, 24.2060.



This preview shows how white text looks on a background with the XYZ color 23.1350, 24.1241,

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

23.1350, 24.1241, 24.2060

Protanopia

22.9688, 24.0384, 24.1982

Deuteranopia

24.5896, 24.0610, 24.4673



Tritanopia

24.1183, 24.1182, 28.9753

Trichromacy



Original Color

23.1350, 24.1241, 24.2060

Protanomaly

22.9688, 24.0384, 24.1982

Deuteranomaly

23.9996, 23.9553, 24.4780

Tritanomaly

23.7181, 24.1566, 27.0795

Monochromacy



Original Color

23.1350, 24.1241, 24.2060

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.0510, 24.2556, 25.6572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1350, 24.1241, 24.2060 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, 134, 129) looks like.

```
.text, #text, p{  
    color:rgb(139, 134, 129)  
}
```

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, 134, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 134, 129) }
```

Border

The CSS property to change the border of an element to XYZ 23.1350, 24.1241, 24.2060 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, 134, 129) }
```


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

```
.border{ border-color:rgb(139, 134, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 134, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 134, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 134, 129);  
box-shadow:4px 4px 4px 4px rgb(139, 134,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1350, 24.1241, 24.2060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 134, 129) }
```

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

```
.background{ background-color: rgb(139,  
134, 129) }
```

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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