

Converting Colors

XYZ(23.5053, 24.1108, 24.1839)

Have a look what the booklet for
XYZ(23.5053, 24.1108, 24.1839)
contains.

XYZ(23.5053, 24.1108, 24.1839)	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(23.5053, 24.1108,
24.1839)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8581
RGB	142, 133, 129
RGB Percent	56%, 52%, 51%
CMY	0.4431, 0.4784, 0.4941
CMYK	0.00, 0.06, 0.09, 0.44
HSL	18°, 5%, 53%
HSV	18°, 9%, 56%
XYZ	23.5053, 24.1108, 24.1839
YIQ	135.2350, 6.6480, 0.6640

Conversions

Conversions Part 2

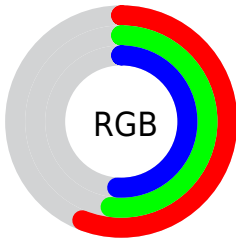
Format	Color
R_{YB}	142, 135, 129
Decimal	9340289
CIE _{Lab}	56.20, 2.64, 3.36
CIE _{LCh}	56, 4.274, 51.814
Yxy	24.1108, 0.3274, 0.3358
Android (android.graphics.Color)	4287530369 (0xFF8E8581)
YUV	135.2350, -3.0739, 5.9329
Hunter-Lab	49.1027, -0.4825, 5.1706

Details

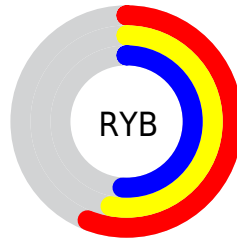
The XYZ color **23.5053, 24.1108, 24.1839** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.0242, 24.7967, 29.1642**, and the grayscale version is **23.1262, 24.3306, 26.4960**.

A 20% lighter version of the original color is **48.7674, 50.2310, 51.3812**, and **9.0319, 9.1951, 8.8882** is the 20% darker color. If you saturate the color by 10%, you get **21.3433, 21.1935, 19.1255**, and if you desaturate by 10%, it is **25.9258, 27.3345, 29.9762**.

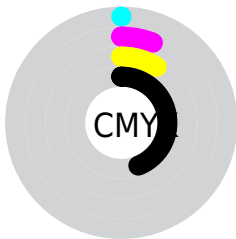
Distribution



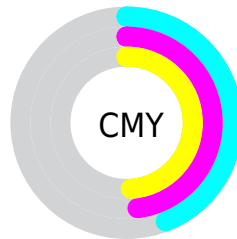
- Red (56%)
- Green (52%)
- Blue (51%)



- Red (56%)
- Yellow (53%)
- Blue (51%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (44%)



- Cyan (44%)
- Magenta (48%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5053, 24.1108, 24.1839 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 23.5053, 24.1108, 24.1839 by changing the saturation by 10% instead.

■ 23.5053, 24.1108,
24.1839

■ 23.5053, 24.1108,
24.1839

262.7969,
273.3802, 287.0653

■ 15.0898, 15.4158,
15.2566

■ 48.6823, 50.2109,
51.2777

■ 8.9692, 9.1117,
8.8511

■ 66.1745, 68.3849,
70.2814

■ 4.7780, 4.8141,
4.5487

■ 87.4230, 90.4873,
93.4809

■ 2.1510, 2.1386,
1.9309

112.7931,
116.9026, 121.2948

■ 0.7167, 0.6862,
0.5123

142.6502,
148.0152, 154.1416

■ 0.0000, 0.0000,
0.0000

177.3596,

184.2093, 192.4400

217.2867,
225.8695, 236.6084

■ 23.5053, 24.1108,
24.1839

■ 23.5053, 24.1108,
24.1839

■ 21.3433, 21.1935,
19.1255

■ 25.9258, 27.3345,
29.9762

■ 19.4288, 18.5705,
14.7701

■ 28.6112, 30.8701,
36.5287

■ 17.7534, 16.2333,
11.0867

■ 31.5700, 34.7269,
43.8683

■ 16.3070, 14.1719,
8.0413

■ 34.8100, 38.9130,
52.0200

■ 15.0789, 12.3757,
5.5971

■ 38.3384, 43.4359,
61.0078

■ 14.0574, 10.8334,
3.7134

■ 42.1623, 48.3032,
70.8546

■ 13.2298, 9.5327,
2.3444

■ 46.2885, 53.5219,
81.5825

■ 12.5814, 8.4602,
1.4369

■ 50.7236, 59.0991,
93.2128

■ 12.0834, 7.5961,
0.8638

■ 55.1825, 64.9250,
104.2311

Harmonies

Analogous

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



23.8044, 24.1108, 25.2605



23.5053, 24.1108, 24.1839



23.0513, 24.1108, 23.6659

Triad

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



23.5053, 24.1108, 24.1839



21.9946, 24.1108, 25.8694



23.2693, 24.1108, 28.8440

Complementary

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



23.5053, 24.1108, 24.1839



23.0242, 24.7967, 29.1642

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.



22.7824, 24.1108, 29.0212



23.5053, 24.1108, 24.1839



22.0511, 24.1108, 27.2703

Square

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



23.5053, 24.1108, 24.1839



22.1824, 24.1108, 24.6160



22.3378, 24.1108, 28.4360



23.6668, 24.1108, 27.9601

Rectangle

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



23.5053, 24.1108, 24.1839



22.7238, 24.1108, 23.6936



22.3378, 24.1108, 28.4360



23.1104, 24.1108, 28.9894

Sweetspot

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



23.5060, 24.1119, 24.1844



43.9951, 45.9160, 48.7118



23.6006, 23.2895, 27.3345



9.7544, 10.1596, 10.7072



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.



23.5060, 24.1119, 24.1844



40.6226, 41.4078, 40.6919



24.4087, 25.9174, 24.4853



5.5359, 5.6781, 5.6936



10.8300, 6.7918, 0.7401



0.1213, 0.1005, 0.0130

Inverse Universe

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



23.0242, 24.7967, 29.1642



39.5947, 42.8686, 51.3155



22.1332, 23.0147, 28.8672



5.4221, 5.8399, 6.8702



8.3456, 9.6772, 24.4051



0.0994, 0.1317, 0.2399

Previews

White Background



This preview shows how the XYZ color 23.5053, 24.1108, 24.1839 looks on a white background.

Color Contrast Check

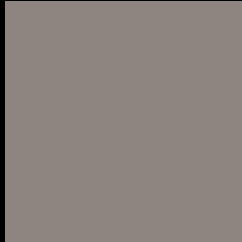
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5053, 24.1108, 24.1839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

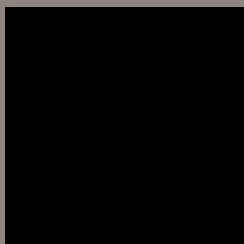
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.5053, 24.1108, 24.1839

Background



This preview shows how black text looks on a background with the XYZ color 23.5053, 24.1108, 24.1839.



This preview shows how white text looks on a background with the XYZ color 23.5053, 24.1108,

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

23.5053, 24.1108, 24.1839

Protanopia

23.0356, 24.0652, 24.5500

Deuteranopia

24.5896, 24.0610, 24.4673



Tritanopia

24.4256, 24.0850, 28.5608

Trichromacy



Original Color

23.5053, 24.1108, 24.1839

Protanomaly

23.2018, 24.1509, 24.5578

Deuteranomaly

24.1782, 24.0473, 24.4864

Tritanomaly

24.0943, 24.1483, 27.0581

Monochromacy



Original Color

23.5053, 24.1108, 24.1839

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.2400, 24.1469, 25.6262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5053, 24.1108, 24.1839 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(142, 133, 129) looks like.

```
.text, #text, p{  
    color:rgb(142, 133, 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(142, 133, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 133, 129) }
```

Border

The CSS property to change the border of an element to XYZ 23.5053, 24.1108, 24.1839 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(142, 133, 129) }
```


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

```
.border{ border-color:rgb(142, 133, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 133, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 133, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 133, 129);  
box-shadow:4px 4px 4px 4px rgb(142, 133,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5053, 24.1108, 24.1839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 133, 129) }
```

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

```
.background{ background-color: rgb(142,  
133, 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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