

Converting Colors

XYZ(23.5476, 26.8142, 20.1579)

Have a look what the booklet for
XYZ(23.5476, 26.8142, 20.1579)
contains.

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Color

**XYZ(23.5364, 26.8070,
20.1534)**

Conversions

Conversions Part 1

Format	Color
Hex	899173
RGB	137, 145, 115
RGB Percent	54%, 57%, 45%
CMY	0.4627, 0.4314, 0.5490
CMYK	0.06, 0.00, 0.21, 0.43
HSL	76°, 12%, 51%
HSV	76°, 21%, 57%
XYZ	23.5364, 26.8070, 20.1534
YIQ	139.1880, 4.8620, -11.0260

Conversions

Conversions Part 2

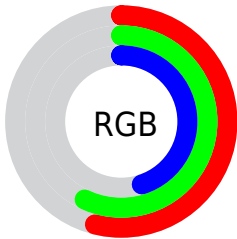
Format	Color
R_{YB}	115, 145, 123
Decimal	9015667
CIE _{Lab}	58.80, -8.41, 14.98
CIE _{LCh}	59, 17.179, 119.320
Yxy	26.8070, 0.3339, 0.3803
Android (android.graphics.Color)	4287205747 (0xFF899173)
YUV	139.1880, -11.9247, -1.9189
Hunter-Lab	51.7755, -9.4635, 13.1644

Details

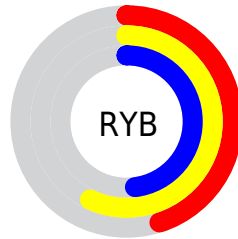
The XYZ color **23.5364, 26.8070, 20.1534** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.4111, 18.5175, 29.3408**, and the grayscale version is **24.6568, 25.9409, 28.2497**.

A 20% lighter version of the original color is **48.8843, 54.7132, 44.5434**, and **9.0358, 10.6159, 6.8830** is the 20% darker color. If you saturate the color by 10%, you get **22.1442, 26.1791, 16.0700**, and if you desaturate by 10%, it is **25.0840, 27.5015, 24.9304**.

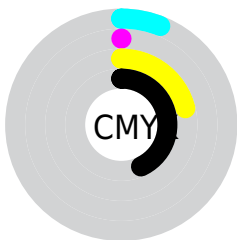
Distribution



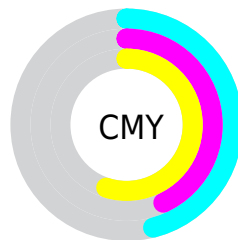
- Red (54%)
- Green (57%)
- Blue (45%)



- Red (45%)
- Yellow (57%)
- Blue (48%)



- Cyan (6%)
- Magenta (0%)
- Yellow (21%)
- Black (43%)



- Cyan (46%)
- Magenta (43%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5364, 26.8070, 20.1534 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 23.5364, 26.8070, 20.1534 by changing the saturation by 10% instead.

■ 23.5364, 26.8070,
20.1534

■ 23.5364, 26.8070,
20.1534

262.9524,
286.7214, 265.3760

■ 15.1129, 17.4283,
12.3214

■ 48.7328, 54.5740,
44.5366

■ 8.9855, 10.5403,
6.8378

■ 66.2365, 73.7311,
61.9248

■ 4.7888, 5.7587,
3.2840

■ 87.4976, 96.9165,
83.3356

■ 2.1573, 2.6989,
1.2414

112.8815,
124.5146, 109.1874

■ 0.7201, 0.9766,
0.0130

142.7536,
156.9097, 139.8988

■ 0.0000, 0.0000,
0.0000

177.4792,

194.4863, 175.8884

217.4237,
237.6288, 217.5746

■ 23.5364, 26.8070,
20.1534

■ 23.5364, 26.8070,
20.1534

■ 22.1442, 26.1791,
16.0700

■ 25.0840, 27.5015,
24.9304

■ 20.8991, 25.6117,
12.6462

■ 26.7909, 28.2615,
30.4293

■ 19.7947, 25.1031,
9.8478

■ 28.6633, 29.0904,
36.6792

■ 18.8237, 24.6505,
7.6368

■ 30.7067, 29.9904,
43.7069

■ 17.9779, 24.2504,
5.9709

■ 32.9261, 30.9634,
51.5378

■ 17.2478, 23.8992,
4.8025

■ 35.3262, 32.0116,
60.1963

■ 16.6226, 23.5923,
4.0755

■ 37.9118, 33.1367,
69.7057

■ 16.1081, 23.3359,
3.6553

■ 40.6874, 34.3407,
80.0884

■ 43.6571, 35.6251,
91.3660

Harmonies

Analogous

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



25.5277, 26.8070, 19.0091



23.5364, 26.8070, 20.1534



22.1345, 26.8070, 23.6318

Triad

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



23.5364, 26.8070, 20.1534



23.4570, 26.8070, 40.4133



29.7728, 26.8070, 29.3270

Complementary

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



23.5364, 26.8070, 20.1534



19.4111, 18.5175, 29.3408

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.



29.1451, 26.8070, 35.5538



23.5364, 26.8070, 20.1534



25.4309, 26.8070, 42.4747

Square

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



23.5364, 26.8070, 20.1534



22.0905, 26.8070, 35.2809



27.5262, 26.8070, 40.5857



29.1980, 26.8070, 23.8408

Rectangle

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



23.5364, 26.8070, 20.1534



21.6828, 26.8070, 27.0794



27.5262, 26.8070, 40.5857



29.6949, 26.8070, 31.4039

Sweetspot

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



23.5371, 26.8082, 20.1540



46.2786, 49.8547, 48.9766



21.8555, 21.4243, 19.2034



10.2574, 11.0739, 10.7742



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.



23.5371, 26.8082, 20.1540



40.9106, 47.4485, 32.4069



21.2469, 25.6275, 20.0468



5.7011, 6.2141, 5.7883



13.8410, 20.0279, 3.1363



0.1532, 0.2023, 0.0310

Inverse Universe

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



19.4111, 18.5175, 29.3408



32.1026, 29.7469, 52.0233



21.7238, 19.7097, 29.4490



5.2562, 5.3203, 6.7786



5.1132, 2.1295, 23.1186



0.0675, 0.0299, 0.2219

Previews

White Background



This preview shows how the XYZ color 23.5364, 26.8070, 20.1534 looks on a white background.

Color Contrast Check

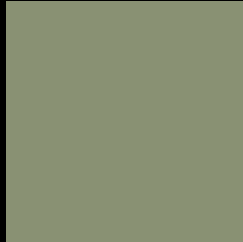
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5364, 26.8070, 20.1534 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 23.5364, 26.8070, 20.1534

Background



This preview shows how black text looks on a background with the XYZ color 23.5364, 26.8070, 20.1534.



This preview shows how white text looks on a background with the XYZ color 23.5364, 26.8070,

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

23.5364, 26.8070, 20.1534

Protanopia

25.0832, 26.7260, 19.4594

Deuteranopia

27.1193, 26.6792, 20.5499



Tritanopia

26.1193, 26.7413, 33.0631

Trichromacy



Original Color

23.5364, 26.8070, 20.1534

Protanomaly

24.3873, 26.5806, 19.7648

Deuteranomaly

25.7114, 26.5962, 20.3014

Tritanomaly

25.0757, 26.7564, 27.8876

Monochromacy



Original Color

23.5364, 26.8070, 20.1534

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.0354, 26.0647, 24.8833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5364, 26.8070, 20.1534 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, 145, 115)` looks like.

```
.text, #text, p{  
    color:rgb(137, 145, 115)  
}
```

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, 145, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 145, 115) }
```

Border

The CSS property to change the border of an element to XYZ 23.5364, 26.8070, 20.1534 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, 145, 115) }
```


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

```
.border{ border-color:rgb(137, 145, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 145, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 145, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 145, 115);  
box-shadow:4px 4px 4px 4px rgb(137, 145,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5364, 26.8070, 20.1534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 145, 115) }
```

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

```
.background{ background-color: rgb(137,  
145, 115) }
```

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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