

Converting Colors

XYZ(23.6263, 28.5792, 17.3558)

Have a look what the booklet for
XYZ(23.6263, 28.5792, 17.3558)
contains.

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Color

**XYZ(23.5584, 28.5243,
17.3608)**

Conversions

Conversions Part 1

Format	Color
Hex	869868
RGB	134, 152, 104
RGB Percent	53%, 60%, 41%
CMY	0.4745, 0.4039, 0.5922
CMYK	0.12, 0.00, 0.32, 0.40
HSL	83°, 19%, 50%
HSV	83°, 32%, 60%
XYZ	23.5584, 28.5243, 17.3608
YIQ	141.1460, 4.6800, -18.7440

Conversions

Conversions Part 2

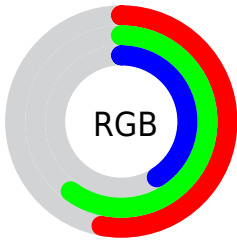
Format	Color
RYB	104, 152, 122
Decimal	8820840
CIELab	60.36, -15.06, 23.20
CIELCh	60, 27.660, 122.979
Yxy	28.5243, 0.3392, 0.4108
Android (android.graphics.Color)	4287010920 (0xFF869868)
YUV	141.1460, -18.3130, -6.2670
Hunter-Lab	53.4081, -14.7277, 18.1130

Details

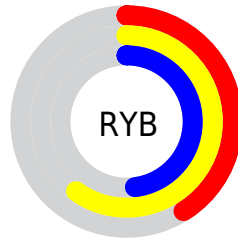
The XYZ color **23.5584, 28.5243, 17.3608** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.6451, 16.3061, 31.8721**, and the grayscale version is **25.4436, 26.7687, 29.1511**.

A 20% lighter version of the original color is **48.8111, 57.2343, 39.9272**, and **9.0236, 11.4777, 5.4812** is the 20% darker color. If you saturate the color by 10%, you get **21.9708, 27.7881, 13.6131**, and if you desaturate by 10%, it is **25.3357, 29.3440, 21.8451**.

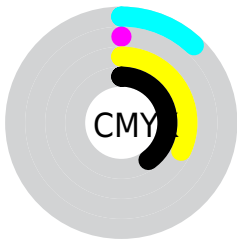
Distribution



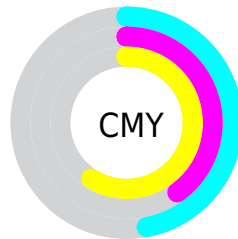
- Red (53%)
- Green (60%)
- Blue (41%)



- Red (41%)
- Yellow (60%)
- Blue (48%)



- Cyan (12%)
- Magenta (0%)
- Yellow (32%)
- Black (40%)



- Cyan (47%)
- Magenta (40%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5584, 28.5243, 17.3608 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 23.5584, 28.5243, 17.3608 by changing the saturation by 10% instead.

■ 23.5584, 28.5243,
17.3608

■ 23.5584, 28.5243,
17.3608

263.0623,
294.9638, 249.3570

■ 15.1293, 18.7213,
10.3274

■ 48.7685, 57.3204,
39.7442

■ 8.9971, 11.4690,
5.5081

■ 66.2803, 77.0823,
55.9313

■ 4.7964, 6.3832,
2.4845

■ 87.5504, 100.9326,
76.0067

■ 2.1618, 3.0795,
0.8319

■ 112.9441,
129.2557, 100.3889

■ 0.7225, 1.1734,
0.0000

142.8268,
162.4359, 129.4965

■ 0.0000, 0.0398,
0.0000

177.5638,

■ 0.0000, 0.0000,

200.8578, 163.7480

0.0000

217.5205,
244.9056, 203.5620

■ 23.5584, 28.5243,
17.3608

■ 23.5584, 28.5243,
17.3608

■ 21.9708, 27.7881,
13.6131

■ 25.3357, 29.3440,
21.8451

■ 20.5624, 27.1281,
10.5608

■ 27.3081, 30.2465,
27.1006

■ 19.3250, 26.5420,
8.1612


■ 29.4836, 31.2362,
33.1620


■ 18.2487, 26.0258,
6.3665


■ 31.8690, 32.3156,
40.0613


■ 17.3224, 25.5748,
5.1220


■ 34.4706, 33.4876,
47.8289


 16.5329, 25.1838,
4.3636

 37.2948, 34.7546,
56.4934

 15.9474, 24.8902,
3.9638

 40.3472, 36.1191,
66.0824

 43.6336, 37.5835,
76.6220

 47.1594, 39.1499,
88.1376

Harmonies

Analogous

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



26.7578, 28.5243, 15.3237



23.5584, 28.5243, 17.3608



21.4668, 28.5243, 22.9865

Triad

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



23.5584, 28.5243, 17.3608



24.1232, 28.5243, 51.9646



34.5265, 28.5243, 30.0517

Complementary

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



23.5584, 28.5243, 17.3608



18.6451, 16.3061, 31.8721

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.



33.6679, 28.5243, 40.8275



23.5584, 28.5243, 17.3608



27.4683, 28.5243, 54.9960

Square

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



23.5584, 28.5243, 17.3608



21.7723, 28.5243, 42.9790



31.0050, 28.5243, 50.5438



33.2591, 28.5243, 21.5745

Rectangle

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



23.5584, 28.5243, 17.3608



20.8776, 28.5243, 28.7263



31.0050, 28.5243, 50.5438



34.4771, 28.5243, 33.5128

Sweetspot

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



23.5591, 28.5256, 17.3614



49.0890, 53.7910, 50.2730



22.3592, 21.4969, 16.0680



11.0427, 12.1738, 11.1115



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.5591, 28.5256, 17.3614



39.5419, 49.4015, 25.7784



20.2082, 26.7981, 17.2046



6.4842, 7.1071, 6.6359



13.4058, 20.8868, 3.3250



0.2405, 0.3329, 0.0516

Inverse Universe

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



18.6451, 16.3061, 31.8721



29.4575, 24.3137, 55.5741



22.4020, 18.2428, 32.0479



6.0925, 6.1335, 7.7918



6.1995, 2.6470, 25.0919



0.1309, 0.0593, 0.3769

Previews

White Background



This preview shows how the XYZ color 23.5584, 28.5243, 17.3608 looks on a white background.

Color Contrast Check

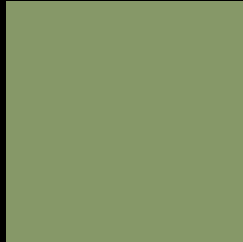
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5584, 28.5243, 17.3608 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 23.5584, 28.5243, 17.3608

Background



This preview shows how black text looks on a background with the XYZ color 23.5584, 28.5243, 17.3608.



This preview shows how white text looks on a background with the XYZ color 23.5584, 28.5243,

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

23.5584, 28.5243, 17.3608

Protanopia

26.3790, 28.3585, 16.3953

Deuteranopia

28.8997, 28.2974, 17.8487



Tritanopia

27.1957, 28.3478, 35.9366

Trichromacy



Original Color

23.5584, 28.5243, 17.3608

Protanomaly

25.3826, 28.5287, 16.7392

Deuteranomaly

26.6753, 28.2562, 17.6837

Tritanomaly

25.6586, 28.4181, 28.1776

Monochromacy



Original Color

23.5584, 28.5243, 17.3608

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.5029, 27.2126, 24.3832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5584, 28.5243, 17.3608 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(134, 152, 104)` looks like.

```
.text, #text, p{  
    color:rgb(134, 152, 104)  
}
```

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(134, 152, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 152, 104) }
```

Border

The CSS property to change the border of an element to XYZ 23.5584, 28.5243, 17.3608 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(134, 152, 104) }
```


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

```
.border{ border-color:rgb(134, 152, 104) }
```

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

Here you see how a box with a 4 pixel rgb(134, 152, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 152, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 152, 104);  
box-shadow:4px 4px 4px 4px rgb(134, 152,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5584, 28.5243, 17.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 152, 104) }
```

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

```
.background{ background-color: rgb(134,  
152, 104) }
```

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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