

Converting Colors

XYZ(23.2581, 23.8542, 20.8312)

Have a look what the booklet for
XYZ(23.2581, 23.8542, 20.8312)
contains.

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Color

**XYZ(23.2581, 23.8542,
20.8312)**

Conversions

Conversions Part 1

Format	Color
Hex	918477
RGB	145, 132, 119
RGB Percent	57%, 52%, 47%
CMY	0.4314, 0.4823, 0.5333
CMYK	0.00, 0.09, 0.18, 0.43
HSL	30°, 11%, 52%
HSV	30°, 18%, 57%
XYZ	23.2581, 23.8542, 20.8312
YIQ	134.4050, 11.9210, -1.2870

Conversions

Conversions Part 2

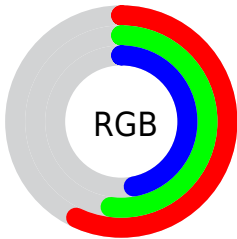
Format	Color
R_{YB}	145, 145, 119
Decimal	9536631
CIE _{Lab}	55.94, 2.65, 8.79
CIE _{LCh}	56, 9.184, 73.253
Yxy	23.8542, 0.3423, 0.3511
Android (android.graphics.Color)	4287726711 (0xFF918477)
YUV	134.4050, -7.5947, 9.2918
Hunter-Lab	48.8408, -0.4692, 8.9006

Details

The XYZ color **23.2581, 23.8542, 20.8312** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.9697, 22.4682, 30.0198**, and the grayscale version is **22.8337, 24.0228, 26.1608**.

A 20% lighter version of the original color is **48.2528, 49.7803, 45.5934**, and **8.8467, 9.0211, 7.2362** is the 20% darker color. If you saturate the color by 10%, you get **21.5040, 21.6349, 16.2730**, and if you desaturate by 10%, it is **25.2146, 26.2654, 26.1130**.

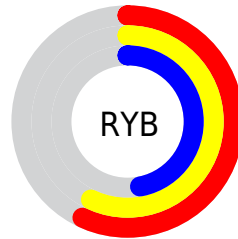
Distribution



Red (57%)

Green (52%)

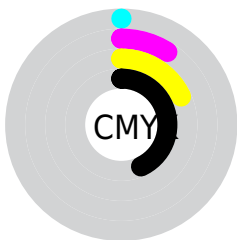
Blue (47%)



Red (57%)

Yellow (57%)

Blue (47%)

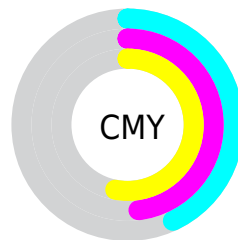


Cyan (0%)

Magenta (9%)

Yellow (18%)

Black (43%)



Cyan (43%)

Magenta (48%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2581, 23.8542, 20.8312 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 23.2581, 23.8542, 20.8312 by changing the saturation by 10% instead.

■ 23.2581, 23.8542,
20.8312

■ 23.2581, 23.8542,
20.8312

261.5585,
272.0825, 269.1316

■ 14.9059, 15.2255,
12.8106

■ 48.2803, 49.7922,
45.6836

■ 8.8393, 8.9778,
7.1691

■ 65.6811, 67.8702,
63.3525

■ 4.6928, 4.7267,
3.4880

■ 86.8288, 89.8669,
85.0745

■ 2.1010, 2.0878,
1.3489

112.0888,
116.1665, 111.2683

■ 0.6898, 0.6578,
0.1014

141.8264,
147.1535, 142.3524

■ 0.0000, 0.0000,
0.0000

176.4070,

183.2122, 178.7453

216.1959,
224.7271, 220.8655

■ 23.2581, 23.8542,
20.8312

■ 23.2581, 23.8542,
20.8312

■ 21.5040, 21.6349,
16.2730

■ 25.2146, 26.2654,
26.1130

■ 19.9432, 19.5991,
12.4049

■ 27.3787, 28.8703,
32.1469

■ 18.5682, 17.7425,
9.1928

■ 29.7575, 31.6746,
38.9618

■ 17.3708, 16.0593,
6.5992

■ 32.3574, 34.6829,
46.5846

■ 16.3414, 14.5434,
4.5827

■ 35.1843, 37.8994,
55.0408

■ 15.4699, 13.1882,
3.0968

■ 38.2441, 41.3285,
64.3548

■ 14.7445, 11.9862,
2.0875

■ 41.5422, 44.9743,
74.5501

■ 14.1435, 10.9262,
1.4497

■ 45.0841, 48.8407,
85.6493

■ 14.0281, 10.7217,
1.3301

■ 48.8748, 52.9316,
97.6739

Harmonies

Analogous

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



24.1717, 23.8542, 22.2172



23.2581, 23.8542, 20.8312



22.2140, 23.8542, 20.7527

Triad

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



23.2581, 23.8542, 20.8312



20.7679, 23.8542, 27.3183



24.0812, 23.8542, 30.4056

Complementary

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



23.2581, 23.8542, 20.8312



20.9697, 22.4682, 30.0198

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.



23.1377, 23.8542, 32.0030



23.2581, 23.8542, 20.8312



21.2370, 23.8542, 30.1302

Square

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



23.2581, 23.8542, 20.8312



20.7979, 23.8542, 24.3461



22.0972, 23.8542, 31.8985



24.6569, 23.8542, 27.6712

Rectangle

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



23.2581, 23.8542, 20.8312



21.5860, 23.8542, 21.4413



22.0972, 23.8542, 31.8985



23.7953, 23.8542, 31.1024

Sweetspot

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



23.2587, 23.8553, 20.8317



46.2125, 48.3201, 49.6795



22.4390, 20.8796, 24.6776



10.2279, 10.6857, 10.9063



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.



23.2587, 23.8553, 20.8317



40.1860, 40.8789, 33.4527



25.1324, 27.6027, 21.4563



5.6177, 5.8417, 5.7208



12.0583, 9.2483, 1.1496



0.1373, 0.1324, 0.0183

Inverse Universe

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



20.9697, 22.4682, 30.0198



35.2100, 37.8638, 53.4262



19.3157, 19.1602, 29.4685



5.3383, 5.6724, 6.8423



6.4243, 5.8346, 23.7647



0.0834, 0.0998, 0.2345

Previews

White Background



This preview shows how the XYZ color 23.2581, 23.8542, 20.8312 looks on a white background.

Color Contrast Check

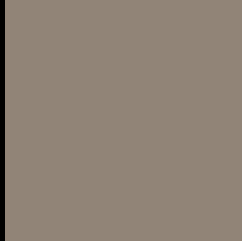
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2581, 23.8542, 20.8312 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 23.2581, 23.8542, 20.8312

Background



This preview shows how black text looks on a background with the XYZ color 23.2581, 23.8542, 20.8312.



This preview shows how white text looks on a background with the XYZ color 23.2581, 23.8542,

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

23.2581, 23.8542, 20.8312

Protanopia

22.7305, 23.9817, 21.2002

Deuteranopia

24.1893, 23.7320, 21.0751



Tritanopia

24.7232, 23.8605, 27.7286

Trichromacy



Original Color

23.2581, 23.8542, 20.8312

Protanomaly

22.9330, 23.8819, 21.1703

Deuteranomaly

23.7672, 23.7109, 21.0933

Tritanomaly

24.1801, 23.8343, 25.1558

Monochromacy



Original Color

23.2581, 23.8542, 20.8312

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.8312, 23.7633, 24.1523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2581, 23.8542, 20.8312 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(145, 132, 119)` looks like.

```
.text, #text, p{  
    color:rgb(145, 132, 119)  
}
```

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(145, 132, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 132, 119) }
```

Border

The CSS property to change the border of an element to XYZ 23.2581, 23.8542, 20.8312 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(145, 132, 119) }
```


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

```
.border{ border-color:rgb(145, 132, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 132, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 132, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 132, 119);  
box-shadow:4px 4px 4px 4px rgb(145, 132,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2581, 23.8542, 20.8312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 132, 119) }
```

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

```
.background{ background-color: rgb(145,  
132, 119) }
```

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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