

Converting Colors

XYZ(23.0478, 23.9905, 20.7803)

Have a look what the booklet for
XYZ(23.0478, 23.9905, 20.7803)
contains.

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Color

**XYZ(23.0450, 23.9466,
20.8603)**

Conversions

Conversions Part 1

Format	Color
Hex	8F8577
RGB	143, 133, 119
RGB Percent	56%, 52%, 47%
CMY	0.4392, 0.4784, 0.5333
CMYK	0.00, 0.07, 0.17, 0.44
HSL	35°, 10%, 51%
HSV	35°, 17%, 56%
XYZ	23.0450, 23.9466, 20.8603
YIQ	134.3940, 10.4540, -2.2340

Conversions

Conversions Part 2

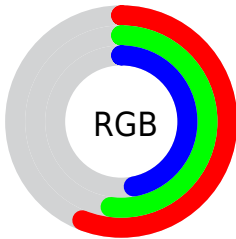
Format	Color
R_{YB}	136, 143, 119
Decimal	9405815
CIE Lab	56.03, 1.29, 8.90
CIE LCh	56, 8.993, 81.764
Yxy	23.9466, 0.3396, 0.3529
Android (android.graphics.Color)	4287595895 (0xFF8F8577)
YUV	134.3940, -7.5892, 7.5475
Hunter-Lab	48.9353, -1.5760, 8.9803

Details

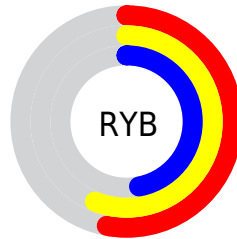
The XYZ color **23.0450, 23.9466, 20.8603** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.4158, 21.6052, 29.0810**, and the grayscale version is **22.8299, 24.0189, 26.1566**.

A 20% lighter version of the original color is **47.9355, 49.9284, 45.6387**, and **8.8219, 9.1227, 7.2571** is the 20% darker color. If you saturate the color by 10%, you get **21.4577, 22.0443, 16.4082**, and if you desaturate by 10%, it is **24.8091, 25.9952, 26.0095**.

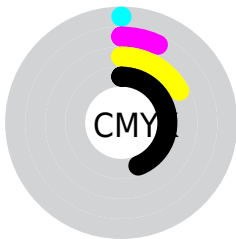
Distribution



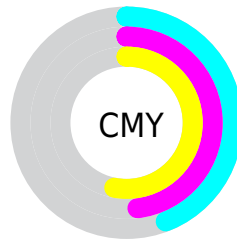
- Red (56%)
- Green (52%)
- Blue (47%)



- Red (53%)
- Yellow (56%)
- Blue (47%)



- Cyan (0%)
- Magenta (7%)
- Yellow (17%)
- Black (44%)



- Cyan (44%)
- Magenta (48%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0450, 23.9466, 20.8603 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 23.0450, 23.9466, 20.8603 by changing the saturation by 10% instead.

■ 23.0450, 23.9466,
20.8603

■ 23.0450, 23.9466,
20.8603

260.4871,
272.5504, 269.2918

■ 14.7476, 15.2940,
12.8317

■ 47.9333, 49.9430,
45.7327

■ 8.7276, 9.0260,
7.1834

■ 65.2550, 68.0557,
63.4135

■ 4.6196, 4.7581,
3.4969

■ 86.3154, 90.0905,
85.1489

■ 2.0583, 2.1061,
1.3536

111.4800,
116.4318, 111.3572

■ 0.6664, 0.6680,
0.1051

141.1141,
147.4641, 142.4572

■ 0.0000, 0.0000,
0.0000

175.5831,

183.5717, 178.8672

215.2523,
225.1390, 221.0059

■ 23.0450, 23.9466,
20.8603

■ 23.0450, 23.9466,
20.8603

■ 21.4577, 22.0443,
16.4082

■ 24.8091, 25.9952,
26.0095

■ 20.0387, 20.2814,
12.6211

■ 26.7543, 28.1906,
31.8830

■ 18.7818, 18.6549,
9.4667

■ 28.8869, 30.5374,
38.5082

■ 17.6794, 17.1604,
6.9093

■ 31.2125, 33.0388,
45.9108

■ 16.7232, 15.7934,
4.9096

■ 33.7363, 35.6981,
54.1153

■ 15.9042, 14.5488,
3.4236

■ 36.4636, 38.5185,
63.1449

■ 15.2119, 13.4211,
2.4004

■ 39.3990, 41.5029,
73.0222

■ 14.6291, 12.4021,
1.7549

■ 42.5474, 44.6542,
83.7685

■ 14.4544, 12.0928,
1.5723

■ 45.9132, 47.9754,
95.4046

Harmonies

Analogous

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



24.0066, 23.9466, 21.8731



23.0450, 23.9466, 20.8603



22.0351, 23.9466, 21.1593

Triad

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



23.0450, 23.9466, 20.8603



20.9728, 23.9466, 28.2308



24.3496, 23.9466, 29.7387

Complementary

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



23.0450, 23.9466, 20.8603



20.4158, 21.6052, 29.0810

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.



23.5017, 23.9466, 31.6957



23.0450, 23.9466, 20.8603



21.5583, 23.9466, 30.7805

Square

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



23.0450, 23.9466, 20.8603



20.8588, 23.9466, 25.2708



22.4784, 23.9466, 32.0907



24.7745, 23.9466, 26.8936

Rectangle

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



23.0450, 23.9466, 20.8603



21.4685, 23.9466, 22.0731



22.4784, 23.9466, 32.0907



24.1034, 23.9466, 30.5308

Sweetspot

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



23.0456, 23.9477, 20.8608



44.9902, 47.1938, 48.2508



21.8872, 20.6186, 23.5954



10.2687, 10.7672, 10.9199



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.



23.0456, 23.9477, 20.8608



40.2000, 41.6160, 34.3142



24.1370, 26.6398, 21.3229



5.6538, 5.9138, 5.7329



12.8013, 10.7342, 1.3972



0.1442, 0.1463, 0.0206

Inverse Universe

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



20.4158, 21.6052, 29.0810



34.6109, 36.6380, 51.7857



19.4402, 19.2421, 28.6763



5.3026, 5.6010, 6.8304



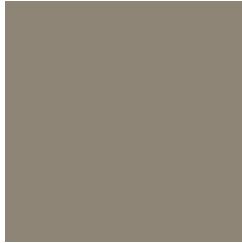
5.8123, 4.6107, 23.5607



0.0765, 0.0859, 0.2322

Previews

White Background



This preview shows how the XYZ color 23.0450, 23.9466, 20.8603 looks on a white background.

Color Contrast Check

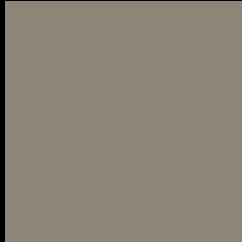
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0450, 23.9466, 20.8603 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

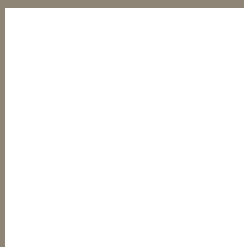
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0450, 23.9466, 20.8603

Background



This preview shows how black text looks on a background with the XYZ color 23.0450, 23.9466, 20.8603.



This preview shows how white text looks on a background with the XYZ color 23.0450, 23.9466,

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

23.0450, 23.9466, 20.8603

Protanopia

22.6701, 23.9576, 20.8822

Deuteranopia

24.3773, 23.8289, 21.0839



Tritanopia

24.5703, 23.9697, 28.1426

Trichromacy



Original Color

23.0450, 23.9466, 20.8603

Protanomaly

22.8394, 24.0448, 20.8901

Deuteranomaly

23.7672, 23.7109, 21.0933

Tritanomaly

23.9582, 23.9183, 25.1838

Monochromacy



Original Color

23.0450, 23.9466, 20.8603

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.8041, 23.9535, 24.1905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0450, 23.9466, 20.8603 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(143, 133, 119)` looks like.

```
.text, #text, p{  
    color:rgb(143, 133, 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(143, 133, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 133, 119) }
```

Border

The CSS property to change the border of an element to XYZ 23.0450, 23.9466, 20.8603 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(143, 133, 119) }
```


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

```
.border{ border-color:rgb(143, 133, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 133, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 133, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 133, 119);  
box-shadow:4px 4px 4px 4px rgb(143, 133,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0450, 23.9466, 20.8603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 133, 119) }
```

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

```
.background{ background-color: rgb(143,  
133, 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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