

Converting Colors

XYZ(23.0957, 19.5907, 8.0329)

Have a look what the booklet for
XYZ(23.0957, 19.5907, 8.0329)
contains.

XYZ(23.0957, 19.5907, 8.0329)	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(23.0957, 19.5907,
8.0329)**

Conversions

Conversions Part 1

Format	Color
Hex	AB6B44
RGB	171, 107, 68
RGB Percent	67%, 42%, 27%
CMY	0.3294, 0.5804, 0.7333
CMYK	0.00, 0.37, 0.60, 0.33
HSL	23°, 43%, 47%
HSV	23°, 60%, 67%
XYZ	23.0957, 19.5907, 8.0329
YIQ	121.6900, 50.6630, 1.4390

Conversions

Conversions Part 2

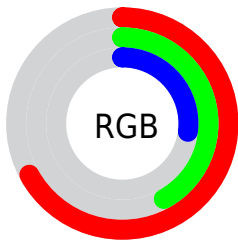
Format	Color
RYB	171, 131, 68
Decimal	11234116
CIELab	51.37, 21.62, 32.28
CIElCh	51, 38.845, 56.189
Yxy	19.5907, 0.4554, 0.3863
Android (android.graphics.Color)	4289424196 (0xFFAB6B44)
YUV	121.6900, -26.4692, 43.2449
Hunter-Lab	44.2614, 15.6843, 20.2226

Details

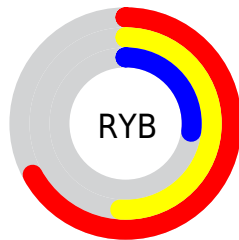
The XYZ color **23.0957, 19.5907, 8.0329** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **17.9853, 20.6706, 41.5699**, and the grayscale version is **18.4700, 19.4319, 21.1614**.

A 20% lighter version of the original color is **47.9221, 42.7386, 22.5532**, and **8.7889, 6.8346, 1.6666** is the 20% darker color. If you saturate the color by 10%, you get **21.6076, 17.3314, 5.3270**, and if you desaturate by 10%, it is **24.8731, 22.1851, 11.5866**.

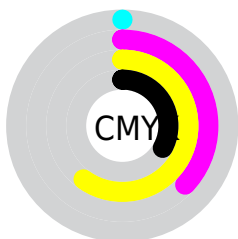
Distribution



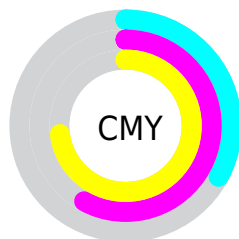
- Red (67%)
- Green (42%)
- Blue (27%)



- Red (67%)
- Yellow (51%)
- Blue (27%)



- Cyan (0%)
- Magenta (37%)
- Yellow (60%)
- Black (33%)





- Cyan (33%)
- Magenta (58%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.0957, 19.5907, 8.0329 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 23.0957, 19.5907, 8.0329 by changing the saturation by 10% instead.


 23.0957, 19.5907,
8.0329


 23.0957, 19.5907,
8.0329


260.7423,
249.6906, 185.9341


 14.7853, 12.0979,
4.0279


 48.0159, 42.7299,
22.5702


 8.7542, 6.8104,
1.6407


 65.3564, 59.1450,
33.9395


 4.6370, 3.3438,
0.3196

 86.4377, 79.3031,
48.6008

 2.0684, 1.3137,
0.0000

 111.6250,
103.5884, 66.9724

 0.6720, 0.1518,
0.0000

 141.2838,
132.3855, 89.4730

 0.0000, 0.0000,
0.0000

175.7793,

166.0786, 116.5212

215.4771,
205.0522, 148.5353

■ 23.0957, 19.5907,
8.0329

■ 23.0957, 19.5907,
8.0329

■ 21.6076, 17.3314,
5.3270

■ 24.8731, 22.1851,
11.5866

■ 20.3887, 15.3889,
3.3941

■ 26.9551, 25.1259,
16.0518

■ 19.4184, 13.7475,
2.1482

■ 29.3574, 28.4271,
21.4873

■ 18.6708, 12.4104,
1.4114

■ 32.0942, 32.1013,
27.9468

■ 35.1787, 36.1602,
35.4798

■ 38.6233, 40.6151,
44.1327

■ 42.4399, 45.4769,
53.9491

■ 46.6398, 50.7557,
64.9702

■ 51.2336, 56.4616,
77.2354

Harmonies

Analogous

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



26.1628, 19.5907, 13.2117



23.0957, 19.5907, 8.0329



19.1215, 19.5907, 6.3104

Triad

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



23.0957, 19.5907, 8.0329



12.1153, 19.5907, 19.9398



22.1167, 19.5907, 46.8739

Complementary

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



23.0957, 19.5907, 8.0329



17.9853, 20.6706, 41.5699

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.



18.1281, 19.5907, 50.6018



23.0957, 19.5907, 8.0329



12.6877, 19.5907, 32.2380

Square

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



23.0957, 19.5907, 8.0329



13.0762, 19.5907, 11.5010



14.7641, 19.5907, 44.5103



25.5446, 19.5907, 35.5931

Rectangle

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



23.0957, 19.5907, 8.0329



16.6138, 19.5907, 6.6728



14.7641, 19.5907, 44.5103



20.7823, 19.5907, 49.1900

Sweetspot

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



23.0962, 19.5917, 8.0333



58.4883, 58.8301, 52.4837



23.1115, 14.4922, 23.8541



12.7111, 12.6786, 10.9050



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



23.0962, 19.5917, 8.0333



37.9852, 29.9234, 8.3482



29.9401, 33.2795, 10.3146



8.2445, 8.4938, 8.4183



14.1224, 9.4504, 1.0798



0.4465, 0.3702, 0.0479

Inverse Universe

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



17.9853, 20.6706, 41.5699



27.9670, 31.9103, 73.6872



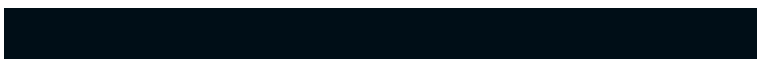
12.7319, 10.1638, 39.8187



7.9777, 8.5547, 10.1834



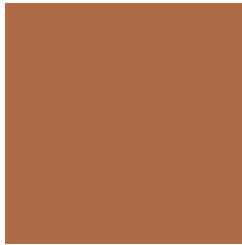
9.4977, 10.1292, 30.4991



0.3147, 0.3828, 0.8653

Previews

White Background



This preview shows how the XYZ color 23.0957, 19.5907, 8.0329 looks on a white background.

Color Contrast Check

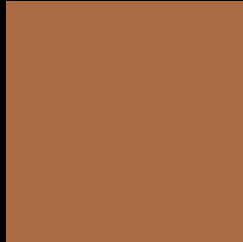
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0957, 19.5907, 8.0329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

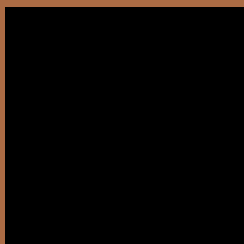
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.0957, 19.5907, 8.0329

Background



This preview shows how black text looks on a background with the XYZ color 23.0957, 19.5907, 8.0329.



This preview shows how white text looks on a background with the XYZ color 23.0957, 19.5907,

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

23.0957, 19.5907, 8.0329

Protanopia

18.1505, 19.7287, 9.3299

Deuteranopia

19.9223, 19.6000, 7.8874



Tritanopia

24.9672, 19.6055, 16.9363

Trichromacy



Original Color

23.0957, 19.5907, 8.0329

Protanomaly

19.5636, 19.3935, 8.8431

Deuteranomaly

21.0188, 19.4846, 7.9633

Tritanomaly

24.2043, 19.5930, 13.0958

Monochromacy



Original Color

23.0957, 19.5907, 8.0329

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.5748, 19.2573, 15.2557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0957, 19.5907, 8.0329 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(171, 107, 68)` looks like.

```
.text, #text, p{  
    color:rgb(171, 107, 68)  
}
```

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(171, 107, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 107, 68) }
```

Border

The CSS property to change the border of an element to XYZ 23.0957, 19.5907, 8.0329 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(171, 107, 68) }
```


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

```
.border{ border-color:rgb(171, 107, 68) }
```

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

Here you see how a box with a 4 pixel rgb(171, 107, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 107, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 107, 68);  
box-shadow:4px 4px 4px 4px rgb(171, 107,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0957, 19.5907, 8.0329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 107, 68) }
```

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

```
.background{ background-color: rgb(171,  
107, 68) }
```

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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