

Converting Colors

XYZ(23.3922, 22.7653, 11.3449)

Have a look what the booklet for
XYZ(23.3922, 22.7653, 11.3449)
contains.

XYZ(23.3922, 22.7653, 11.3449)	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(23.3922, 22.7653,
11.3449)**

Conversions

Conversions Part 1

Format	Color
Hex	A07D53
RGB	160, 125, 83
RGB Percent	63%, 49%, 33%
CMY	0.3725, 0.5098, 0.6745
CMYK	0.00, 0.22, 0.48, 0.37
HSL	33°, 32%, 48%
HSV	33°, 48%, 63%
XYZ	23.3922, 22.7653, 11.3449
YIQ	130.6770, 34.3420, -5.6420

Conversions

Conversions Part 2

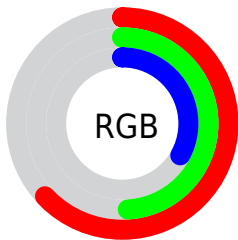
Format	Color
R_{YB}	147, 160, 83
Decimal	10517843
CIE Lab	54.83, 8.04, 28.01
CIE LCh	55, 29.139, 73.987
Yxy	22.7653, 0.4068, 0.3959
Android (android.graphics.Color)	4288707923 (0xFFA07D53)
YUV	130.6770, -23.5048, 25.7163
Hunter-Lab	47.7130, 4.0153, 19.3015

Details

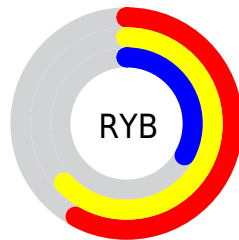
The XYZ color **23.3922, 22.7653, 11.3449** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **16.3908, 17.3335, 35.7396**, and the grayscale version is **21.5312, 22.6525, 24.6686**.

A 20% lighter version of the original color is **48.4729, 48.1332, 28.9261**, and **8.8622, 8.3666, 2.8981** is the 20% darker color. If you saturate the color by 10%, you get **21.9573, 20.7727, 8.1627**, and if you desaturate by 10%, it is **25.0382, 24.9520, 15.3013**.

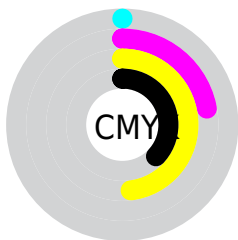
Distribution



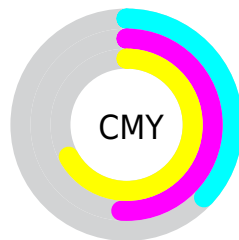
- Red (63%)
- Green (49%)
- Blue (33%)



- Red (58%)
- Yellow (63%)
- Blue (33%)



- Cyan (0%)
- Magenta (22%)
- Yellow (48%)
- Black (37%)



- Cyan (37%)
- Magenta (51%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3922, 22.7653, 11.3449 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 23.3922, 22.7653, 11.3449 by changing the saturation by 10% instead.

■ 23.3922, 22.7653,
11.3449

■ 23.3922, 22.7653,
11.3449

262.2309,
266.5172, 210.8404

■ 15.0057, 14.4203,
6.1822

■ 48.4985, 48.0077,
28.9425

■ 8.9097, 8.4136,
2.8856

■ 65.9489, 65.6738,
42.2146

■ 4.7390, 4.3607,
1.0365

■ 87.1513, 87.2158,
59.0269

■ 2.1281, 1.8773,
0.0000

■ 112.4711,
113.0180, 79.7979

■ 0.7044, 0.5347,
0.0000

■ 142.2736,
143.4649, 104.9462

■ 0.0000, 0.0000,
0.0000

176.9242,

178.9408, 134.8904

216.7882,
219.8301, 170.0489

■ 23.3922, 22.7653,
11.3449

■ 23.3922, 22.7653,
11.3449

■ 21.9573, 20.7727,
8.1627

■ 25.0382, 24.9520,
15.3013

■ 20.7205, 18.9640,
5.7005

■ 26.9040, 27.3358,
20.0785

■ 19.6696, 17.3328,
3.8991

■ 28.9999, 29.9239,
25.7207

■ 18.7900, 15.8710,
2.6892

■ 31.3347, 32.7219,
32.2689

■ 18.0565, 14.5657,
1.9460

■ 33.9169, 35.7353,
39.7611

■ 17.9281, 14.3353,
1.8221

■ 36.7545, 38.9692,
48.2334

■ 39.8552, 42.4287,
57.7198

■ 43.2261, 46.1184,
68.2527

■ 46.8743, 50.0431,
79.8631

Harmonies

Analogous

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



26.4086, 22.7653, 14.3939



23.3922, 22.7653, 11.3449



20.1745, 22.7653, 11.2487

Triad

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



23.3922, 22.7653, 11.3449



16.1654, 22.7653, 29.3284



26.2321, 22.7653, 39.8712

Complementary

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



23.3922, 22.7653, 11.3449



16.3908, 17.3335, 35.7396

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.



23.1700, 22.7653, 46.2993



23.3922, 22.7653, 11.3449



17.4791, 22.7653, 39.2654

Square

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



23.3922, 22.7653, 11.3449



16.2122, 22.7653, 20.2080



19.9733, 22.7653, 46.0535



28.1560, 22.7653, 30.0114

Rectangle

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



23.3922, 22.7653, 11.3449



18.3559, 22.7653, 12.7940



19.9733, 22.7653, 46.0535



25.2892, 22.7653, 42.6028

Sweetspot

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



23.3928, 22.7664, 11.3454



54.2370, 56.2454, 51.0850



20.9165, 14.9907, 19.2232



11.7102, 12.1127, 10.6898



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.3928, 22.7664, 11.3454



39.6289, 37.3756, 14.3195



28.1216, 32.9780, 13.0672



6.9178, 7.2156, 7.0138



14.0101, 11.2559, 1.4342



0.2925, 0.2853, 0.0396

Inverse Universe

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



16.3908, 17.3335, 35.7396



25.3427, 26.3024, 64.1277



13.2367, 10.6828, 34.6222



6.5206, 6.9070, 8.3962



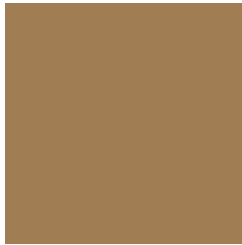
6.8275, 5.7466, 26.6566



0.1639, 0.1863, 0.4906

Previews

White Background



This preview shows how the XYZ color 23.3922, 22.7653, 11.3449 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 23.3922, 22.7653, 11.3449 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 23.3922, 22.7653, 11.3449

Background



This preview shows how black text looks on a background with the XYZ color 23.3922, 22.7653, 11.3449.



This preview shows how white text looks on a background with the XYZ color 23.3922, 22.7653,

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

23.3922, 22.7653, 11.3449

Protanopia

21.1237, 22.7441, 12.0808

Deuteranopia

23.3203, 22.9172, 11.3780



Tritanopia

25.8029, 22.6447, 23.4330

Trichromacy



Original Color

23.3922, 22.7653, 11.3449

Protanomaly

21.8844, 22.7460, 11.8313

Deuteranomaly

23.3203, 22.9172, 11.3780

Tritanomaly

24.8663, 22.6311, 18.3869

Monochromacy



Original Color

23.3922, 22.7653, 11.3449

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.0428, 22.6662, 19.1328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3922, 22.7653, 11.3449 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(160, 125, 83)` looks like.

```
.text, #text, p{  
    color:rgb(160, 125, 83)  
}
```

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(160, 125, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 125, 83) }
```

Border

The CSS property to change the border of an element to XYZ 23.3922, 22.7653, 11.3449 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(160, 125, 83) }
```


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

```
.border{ border-color:rgb(160, 125, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 125, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 125, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 125, 83);  
box-shadow:4px 4px 4px 4px rgb(160, 125,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3922, 22.7653, 11.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 125, 83) }
```

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

```
.background{ background-color: rgb(160,  
125, 83) }
```

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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