

Converting Colors

XYZ(23.5560, 22.0971, 20.1632)

Have a look what the booklet for
XYZ(23.5560, 22.0971, 20.1632)
contains.

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Color

**XYZ(23.5560, 22.0971,
20.1632)**

Conversions

Conversions Part 1

Format	Color
Hex	9A7A76
RGB	154, 122, 118
RGB Percent	60%, 48%, 46%
CMY	0.3961, 0.5216, 0.5373
CMYK	0.00, 0.21, 0.23, 0.40
HSL	7°, 15%, 53%
HSV	7°, 23%, 60%
XYZ	23.5560, 22.0971, 20.1632
YIQ	131.1120, 20.3560, 5.5400

Conversions

Conversions Part 2

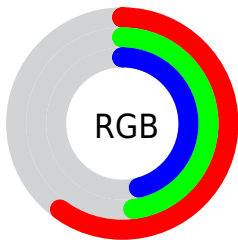
Format	Color
R_{YB}	154, 123, 118
Decimal	10123894
CIE _{Lab}	54.13, 11.78, 6.92
CIE _{LCh}	54, 13.664, 30.407
Yxy	22.0971, 0.3579, 0.3357
Android (android.graphics.Color)	4288313974 (0xFF9A7A76)
YUV	131.1120, -6.4642, 20.0728
Hunter-Lab	47.0076, 7.1851, 7.4737

Details

The XYZ color **23.5560, 22.0971, 20.1632** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.2101, 27.9967, 34.6999**, and the grayscale version is **21.6312, 22.7577, 24.7831**.

A 20% lighter version of the original color is **48.6862, 46.7297, 44.4839**, and **8.9675, 8.0321, 6.8721** is the 20% darker color. If you saturate the color by 10%, you get **21.1507, 18.6333, 15.2090**, and if you desaturate by 10%, it is **26.3487, 26.0962, 25.9842**.

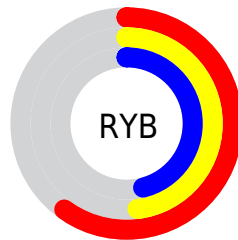
Distribution



Red (60%)

Green (48%)

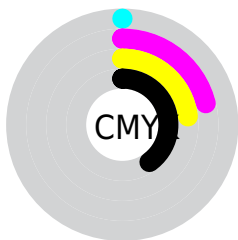
Blue (46%)



Red (60%)

Yellow (48%)

Blue (46%)

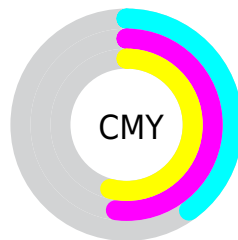


Cyan (0%)

Magenta (21%)

Yellow (23%)

Black (40%)



Cyan (40%)

Magenta (52%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5560, 22.0971, 20.1632 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 23.5560, 22.0971, 20.1632 by changing the saturation by 10% instead.

■ 23.5560, 22.0971,
20.1632

■ 23.5560, 22.0971,
20.1632

263.0503,
263.0529, 265.4307

■ 15.1275, 13.9283,
12.3285

■ 48.7646, 46.9064,
44.5532

■ 8.9958, 8.0708,
6.8425

■ 66.2755, 64.3157,
61.9455

■ 4.7956, 4.1403,
3.2869

■ 87.5446, 85.5739,
83.3609

■ 2.1613, 1.7523,
1.2429

112.9373,
111.0655, 109.2177

■ 0.7222, 0.4572,
0.0143

142.8188,
141.1748, 139.9345

■ 0.0000, 0.0000,
0.0000

177.5546,

176.2862, 175.9299

217.5100,
216.7841, 217.6225

■ 23.5560, 22.0971,
20.1632

■ 23.5560, 22.0971,
20.1632

■ 21.1507, 18.6333,
15.2090

■ 26.3487, 26.0962,
25.9842

■ 19.1139, 15.6791,
11.0789

■ 29.5430, 30.6487,
32.7093

■ 17.4278, 13.2114,
7.7284


■ 33.1546, 35.7758,
40.3753


■ 16.0724, 11.2040,
5.1085


■ 37.1979, 41.4966,
49.0164


■ 15.0258, 9.6282,
3.1644


■ 41.6864, 47.8291,
58.6653


 14.2632, 8.4522,
1.8337


 46.6332, 54.7908,
69.3531

 13.7560, 7.6397,
1.0425

 52.0509, 62.3985,
81.1094

 13.5289, 7.2748,
0.6911

 57.9514, 70.6682,
93.9629

 64.0874, 79.5118,
106.5773

Harmonies

Analogous

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



23.9813, 22.0971, 24.0021



23.5560, 22.0971, 20.1632



22.4408, 22.0971, 17.6414

Triad

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



23.5560, 22.0971, 20.1632



18.6221, 22.0971, 20.2525



21.0229, 22.0971, 33.1730

Complementary

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



23.5560, 22.0971, 20.1632



24.2101, 27.9967, 34.6999

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.



19.6273, 22.0971, 31.8725



23.5560, 22.0971, 20.1632



18.2814, 22.0971, 24.1179

Square

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



23.5560, 22.0971, 20.1632



19.5938, 22.0971, 17.6885



18.6408, 22.0971, 28.4290



22.4774, 22.0971, 31.8027

Rectangle

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



23.5560, 22.0971, 20.1632



21.4809, 22.0971, 16.8802



18.6408, 22.0971, 28.4290



20.5315, 22.0971, 33.0321

Sweetspot

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



23.5566, 22.0981, 20.1637



51.3952, 52.4420, 54.6231



25.3424, 22.0421, 31.9424



11.5622, 11.7690, 12.2143



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.5566, 22.0981, 20.1637



40.4403, 36.7607, 31.7699



25.9164, 26.8178, 20.9503



6.2614, 6.3278, 6.4972



11.0367, 5.9559, 0.5679



0.1777, 0.1145, 0.0127

Inverse Universe

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



24.2101, 27.9967, 34.6999



41.8355, 49.3721, 62.8611



21.6099, 22.7962, 33.8332



6.3259, 6.9092, 7.9292



12.0422, 16.4810, 27.4542



0.1946, 0.2755, 0.4153

Previews

White Background



This preview shows how the XYZ color 23.5560, 22.0971, 20.1632 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 23.5560, 22.0971, 20.1632 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 23.5560, 22.0971, 20.1632

Background



This preview shows how black text looks on a background with the XYZ color 23.5560, 22.0971, 20.1632.



This preview shows how white text looks on a background with the XYZ color 23.5560, 22.0971,

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

23.5560, 22.0971, 20.1632

Protanopia

21.1946, 22.1740, 21.5753

Deuteranopia

22.5771, 22.1546, 19.9159



Tritanopia

24.2633, 22.0132, 24.0893

Trichromacy



Original Color

23.5560, 22.0971, 20.1632

Protanomaly

21.8965, 21.9649, 21.1747

Deuteranomaly

22.9962, 22.1837, 19.8995

Tritanomaly

24.1208, 22.1497, 22.7427

Monochromacy



Original Color

23.5560, 22.0971, 20.1632

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.1325, 22.4337, 22.9023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5560, 22.0971, 20.1632 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(154, 122, 118)` looks like.

```
.text, #text, p{  
    color:rgb(154, 122, 118)  
}
```

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(154, 122, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 122, 118) }
```

Border

The CSS property to change the border of an element to XYZ 23.5560, 22.0971, 20.1632 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(154, 122, 118) }
```


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

```
.border{ border-color:rgb(154, 122, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 122, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 122, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 122, 118);  
box-shadow:4px 4px 4px 4px rgb(154, 122,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5560, 22.0971, 20.1632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 122, 118) }
```

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

```
.background{ background-color: rgb(154,  
122, 118) }
```

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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