

Converting Colors

XYZ(23.5478, 22.5721, 14.8486)

Have a look what the booklet for
XYZ(23.5478, 22.5721, 14.8486)
contains.

XYZ(23.5603, 22.5853, 14.9220)	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(23.5603, 22.5853,
14.9220)**

Conversions

Conversions Part 1

Format	Color
Hex	9E7C63
RGB	158, 124, 99
RGB Percent	62%, 49%, 39%
CMY	0.3804, 0.5137, 0.6118
CMYK	0.00, 0.22, 0.37, 0.38
HSL	25°, 23%, 50%
HSV	25°, 37%, 62%
XYZ	23.5603, 22.5853, 14.9220
YIQ	131.3160, 28.2890, -0.5670

Conversions

Conversions Part 2

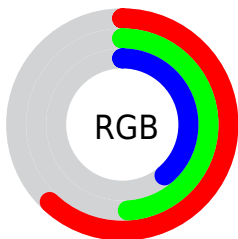
Format	Color
R_{YB}	158, 142, 99
Decimal	10386531
CIE _{Lab}	54.64, 9.59, 18.68
CIE _{LCh}	55, 21.002, 62.820
Yxy	22.5853, 0.3858, 0.3698
Android (android.graphics.Color)	4288576611 (0xFF9E7C63)
YUV	131.3160, -15.9318, 23.4019
Hunter-Lab	47.5240, 5.3254, 14.6504

Details

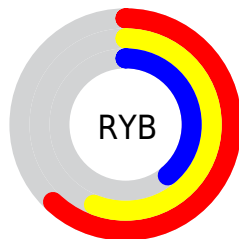
The XYZ color **23.5603, 22.5853, 14.9220** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.7042, 21.8953, 35.5353**, and the grayscale version is **21.7351, 22.8670, 24.9021**.

A 20% lighter version of the original color is **48.9587, 47.9424, 35.5276**, and **8.9616, 8.2833, 4.3753** is the 20% darker color. If you saturate the color by 10%, you get **21.7890, 20.1355, 10.9625**, and if you desaturate by 10%, it is **25.5859, 25.3071, 19.6959**.

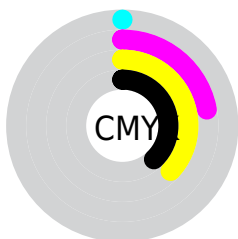
Distribution



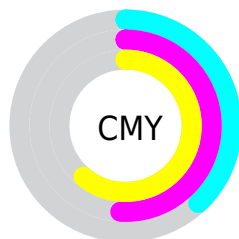
- Red (62%)
- Green (49%)
- Blue (39%)



- Red (62%)
- Yellow (56%)
- Blue (39%)



- Cyan (0%)
- Magenta (22%)
- Yellow (37%)
- Black (38%)




- Cyan (38%)
- Magenta (51%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.5603, 22.5853, 14.9220 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 23.5603, 22.5853, 14.9220 by changing the saturation by 10% instead.


 23.5603, 22.5853,
14.9220


 23.5603, 22.5853,
14.9220


263.0718,
265.5878, 234.5181


 15.1307, 14.2876,
8.6186


 48.7716, 47.7115,
35.4567


 8.9981, 8.3210,
4.3999


 66.2841, 65.3088,
50.5250

 4.7970, 4.3010,
1.8472


 87.5549, 86.7747,
69.3522

 2.1622, 1.8433,
0.4588

 112.9495,
112.4936, 92.3566

 0.7227, 0.5140,
0.0000

142.8331,
142.8500, 119.9569

 0.0000, 0.0000,
0.0000

177.5711,

178.2283, 152.5715

217.5289,
219.0127, 190.6191

■ 23.5603, 22.5853,
14.9220

■ 23.5603, 22.5853,
14.9220

■ 21.7890, 20.1355,
10.9625

■ 25.5859, 25.3071,
19.6959

■ 20.2588, 17.9453,
7.7695

■ 27.8749, 28.3062,
25.3257

■ 18.9577, 16.0061,
5.2922

■ 30.4376, 31.5921,
31.8516

■ 17.8719, 14.3073,
3.4728

■ 33.2838, 35.1725,
39.3109

■ 16.9857, 12.8375,
2.2445

■ 36.4222, 39.0549,
47.7386

■ 16.2751, 11.5815,
1.4983

■ 39.8615, 43.2466,
57.1683

■ 16.1052, 11.2786,
1.3281

■ 43.6098, 47.7545,
67.6314

■ 47.6750, 52.5855,
79.1584

■ 52.0646, 57.7459,
91.7784

Harmonies

Analogous

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



25.4202, 22.5853, 18.3208



23.5603, 22.5853, 14.9220



21.2489, 22.5853, 13.9482

Triad

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



23.5603, 22.5853, 14.9220



17.3287, 22.5853, 25.2227



23.9653, 22.5853, 36.9065

Complementary

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



23.5603, 22.5853, 14.9220



19.7042, 21.8953, 35.5353

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.



21.6859, 22.5853, 39.6116



23.5603, 22.5853, 14.9220



17.9459, 22.5853, 32.1511

Square

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



23.5603, 22.5853, 14.9220



17.7527, 22.5853, 19.2262



19.5009, 22.5853, 37.7330



25.6655, 22.5853, 30.8723

Rectangle

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



23.5603, 22.5853, 14.9220



19.7896, 22.5853, 14.6307



19.5009, 22.5853, 37.7330



23.2359, 22.5853, 38.2798

Sweetspot

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



23.5609, 22.5864, 14.9225



53.4119, 54.9971, 53.0541



22.8249, 17.8979, 24.5933



11.9082, 12.2282, 11.6208



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.



23.5609, 22.5864, 14.9225



40.0114, 37.1868, 20.8702



27.7575, 30.9796, 16.3213



6.8526, 7.0851, 6.9921



12.9362, 9.1081, 1.0762



0.2723, 0.2449, 0.0329

Inverse Universe

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



19.7042, 21.8953, 35.5353



31.9433, 35.7296, 63.9564



16.2593, 15.0054, 34.3870



6.5861, 7.0379, 8.4180



7.9814, 8.0543, 27.0412



0.1841, 0.2267, 0.4973

Previews

White Background



This preview shows how the XYZ color 23.5603, 22.5853, 14.9220 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 23.5603, 22.5853, 14.9220 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 23.5603, 22.5853, 14.9220

Background



This preview shows how black text looks on a background with the XYZ color 23.5603, 22.5853, 14.9220.



This preview shows how white text looks on a background with the XYZ color 23.5603, 22.5853,

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

23.5603, 22.5853, 14.9220

Protanopia

21.3298, 22.7674, 15.8407

Deuteranopia

23.0394, 22.6926, 14.9702



Tritanopia

25.3769, 22.5950, 23.7926

Trichromacy



Original Color

23.5603, 22.5853, 14.9220

Protanomaly

22.1008, 22.5810, 15.5056

Deuteranomaly

23.1033, 22.5366, 14.9367

Tritanomaly

24.6046, 22.4563, 20.1772

Monochromacy



Original Color

23.5603, 22.5853, 14.9220

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.0335, 22.4330, 20.6215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5603, 22.5853, 14.9220 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(158, 124, 99)` looks like.

```
.text, #text, p{  
    color:rgb(158, 124, 99)  
}
```

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(158, 124, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 124, 99) }
```

Border

The CSS property to change the border of an element to XYZ 23.5603, 22.5853, 14.9220 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(158, 124, 99) }
```


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

```
.border{ border-color:rgb(158, 124, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 124, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 124, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 124, 99);  
box-shadow:4px 4px 4px 4px rgb(158, 124,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5603, 22.5853, 14.9220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 124, 99) }
```

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

```
.background{ background-color: rgb(158,  
124, 99) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor