

Converting Colors

XYZ(24.9321, 23.2992, 14.7375)

Have a look what the booklet for
XYZ(24.9321, 23.2992, 14.7375)
contains.

XYZ(24.9293, 23.2965, 14.7380)	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(24.9293, 23.2965,
14.7380)**

Conversions

Conversions Part 1

Format	Color
Hex	A57C62
RGB	165, 124, 98
RGB Percent	65%, 49%, 38%
CMY	0.3529, 0.5137, 0.6157
CMYK	0.00, 0.25, 0.41, 0.35
HSL	23°, 27%, 52%
HSV	23°, 41%, 65%
XYZ	24.9293, 23.2965, 14.7380
YIQ	133.2950, 32.7820, 0.6060

Conversions

Conversions Part 2

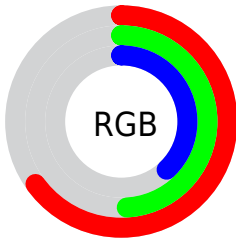
Format	Color
R_{YB}	165, 140, 98
Decimal	10845282
CIE _{Lab}	55.38, 12.40, 20.37
CIE _{LCh}	55, 23.851, 58.675
Yxy	23.2965, 0.3959, 0.3700
Android (android.graphics.Color)	4289035362 (0xFFA57C62)
YUV	133.2950, -17.4004, 27.8053
Hunter-Lab	48.2664, 7.7278, 15.6825

Details

The XYZ color **24.9293, 23.2965, 14.7380** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.0607, 23.7775, 39.0767**, and the grayscale version is **22.4555, 23.6249, 25.7275**.

A 20% lighter version of the original color is **50.9657, 48.9864, 35.2029**, and **9.6692, 8.6507, 4.2921** is the 20% darker color. If you saturate the color by 10%, you get **23.0281, 20.6149, 10.6488**, and if you desaturate by 10%, it is **27.1219, 26.3037, 19.7172**.

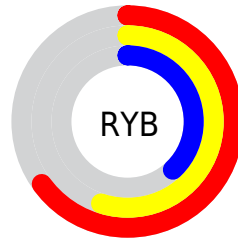
Distribution



Red (65%)

Green (49%)

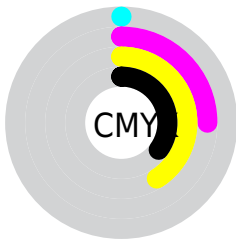
Blue (38%)



Red (65%)

Yellow (55%)

Blue (38%)

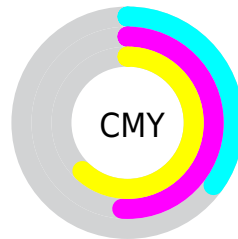


Cyan (0%)

Magenta (25%)

Yellow (41%)

Black (35%)



Cyan (35%)


Magenta (51%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.9293, 23.2965, 14.7380 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 24.9293, 23.2965, 14.7380 by changing the saturation by 10% instead.


 24.9293, 23.2965,
14.7380


 24.9293, 23.2965,
14.7380


269.8398,
269.2442, 233.3608


 16.1528, 14.8126,
8.4911


 50.9862, 48.8797,
35.1287


 9.7239, 8.6880,
4.3185


 68.9974, 66.7478,
50.1096

 5.2771, 4.5382,
1.8017

 90.8175, 88.5128,
68.8389

 2.4472, 1.9790,
0.4291

 116.8119,
114.5590, 91.7352

 0.8687, 0.5952,
0.0000

147.3460,
145.2709, 119.2170

 0.0000, 0.0000,
0.0000

182.7851,

181.0328, 151.7028

223.4946,
222.2291, 189.6112

■ 24.9293, 23.2965,
14.7380

■ 24.9293, 23.2965,
14.7380

■ 23.0281, 20.6149,
10.6488

■ 27.1219, 26.3037,
19.7172

■ 21.4026, 18.2439,
7.3946

■ 29.6169, 29.6442,
25.6340

■ 20.0385, 16.1719,
4.9162

■ 32.4268, 33.3296,
32.5345

■ 18.9187, 14.3855,
3.1461

■ 35.5631, 37.3699,
40.4612

■ 18.0240, 12.8695,
2.0050

■ 39.0362, 41.7748,
49.4540

■ 17.3526, 11.6706,
1.3381

■ 42.8565, 46.5533,
59.5508

■ 47.0337, 51.7144,
70.7876

■ 51.5771, 57.2666,
83.1987

■ 56.4956, 63.2180,
96.8171

Harmonies

Analogous

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



26.9751, 23.2965, 18.9267



24.9293, 23.2965, 14.7380



22.2619, 23.2965, 13.2937

Triad

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



24.9293, 23.2965, 14.7380



17.3830, 23.2965, 25.0264



24.7067, 23.2965, 40.6306

Complementary

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



24.9293, 23.2965, 14.7380



21.0607, 23.7775, 39.0767

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.



22.0238, 23.2965, 43.1519



24.9293, 23.2965, 14.7380



17.9248, 23.2965, 33.1214

Square

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



24.9293, 23.2965, 14.7380



18.0284, 23.2965, 18.4449



19.5718, 23.2965, 40.1655



26.8395, 23.2965, 33.8321

Rectangle

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



24.9293, 23.2965, 14.7380



20.5343, 23.2965, 13.8023



19.5718, 23.2965, 40.1655



23.8328, 23.2965, 42.0603

Sweetspot

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



24.9299, 23.2976, 14.7385



57.2228, 58.5829, 56.1494



24.5682, 18.6082, 26.8446



12.3726, 12.6280, 11.9349



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.9299, 23.2976, 14.7385



41.4662, 37.2413, 19.5392



29.8097, 33.0572, 16.3651



7.2887, 7.5158, 7.4466



13.1731, 8.9201, 1.0275



0.3219, 0.2776, 0.0366

Inverse Universe

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



21.0607, 23.7775, 39.0767



33.5323, 38.1972, 69.3578



16.9639, 15.5838, 37.7111



7.0442, 7.5473, 8.9886



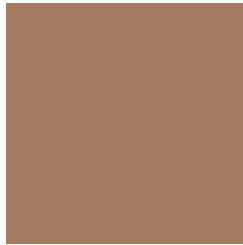
8.7050, 9.1894, 28.2447



0.2267, 0.2807, 0.6081

Previews

White Background



This preview shows how the XYZ color 24.9293, 23.2965, 14.7380 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 24.9293, 23.2965, 14.7380 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 24.9293, 23.2965, 14.7380

Background



This preview shows how black text looks on a background with the XYZ color 24.9293, 23.2965, 14.7380.



This preview shows how white text looks on a background with the XYZ color 24.9293, 23.2965,

14.7380.

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

24.9293, 23.2965, 14.7380

Protanopia

21.9411, 23.4851, 15.9470

Deuteranopia

23.6517, 23.2099, 14.5426



Tritanopia

26.8274, 23.3428, 23.8605

Trichromacy



Original Color

24.9293, 23.2965, 14.7380

Protanomaly

22.9093, 23.3889, 15.6190

Deuteranomaly

24.1157, 23.2584, 14.5275

Tritanomaly

26.0437, 23.1982, 20.2446

Monochromacy



Original Color

24.9293, 23.2965, 14.7380

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.0499, 23.3411, 21.0597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9293, 23.2965, 14.7380 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(165, 124, 98)` looks like.

```
.text, #text, p{  
    color:rgb(165, 124, 98)  
}
```

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(165, 124, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 124, 98) }
```

Border

The CSS property to change the border of an element to XYZ 24.9293, 23.2965, 14.7380 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(165, 124, 98) }
```


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

```
.border{ border-color:rgb(165, 124, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 124, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 124, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 124, 98);  
box-shadow:4px 4px 4px 4px rgb(165, 124,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9293, 23.2965, 14.7380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 124, 98) }
```

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

```
.background{ background-color: rgb(165,  
124, 98) }
```

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