

Converting Colors

XYZ(22.9734, 19.3836, 14.0865)

Have a look what the booklet for
XYZ(22.9734, 19.3836, 14.0865)
contains.

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Color

**XYZ(22.9793, 19.3966,
14.0880)**

Conversions

Conversions Part 1

Format	Color
Hex	A56B62
RGB	165, 107, 98
RGB Percent	65%, 42%, 38%
CMY	0.3529, 0.5804, 0.6157
CMYK	0.00, 0.35, 0.41, 0.35
HSL	8°, 27%, 52%
HSV	8°, 41%, 65%
XYZ	22.9793, 19.3966, 14.0880
YIQ	123.3160, 37.4570, 9.4970

Conversions

Conversions Part 2

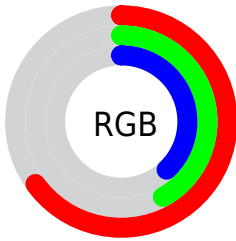
Format	Color
RYB	165, 108, 98
Decimal	10840930
CIELab	51.15, 22.05, 14.62
CIElCh	51, 26.457, 33.535
Yxy	19.3966, 0.4070, 0.3435
Android (android.graphics.Color)	4289031010 (0xFFA56B62)
YUV	123.3160, -12.4808, 36.5569
Hunter-Lab	44.0416, 16.0621, 11.8634

Details

The XYZ color **22.9793, 19.3966, 14.0880** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.7163, 29.0887, 39.9618**, and the grayscale version is **18.9629, 19.9505, 21.7260**.

A 20% lighter version of the original color is **47.9472, 42.4958, 34.1092**, and **8.7393, 6.7554, 4.0921** is the 20% darker color. If you saturate the color by 10%, you get **20.9110, 16.3810, 9.9431**, and if you desaturate by 10%, it is **25.4552, 22.9703, 19.1615**.

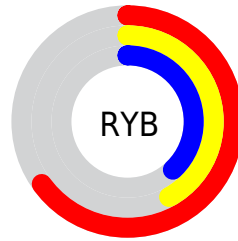
Distribution



Red (65%)

Green (42%)

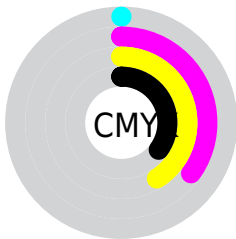
Blue (38%)



Red (65%)

Yellow (42%)

Blue (38%)

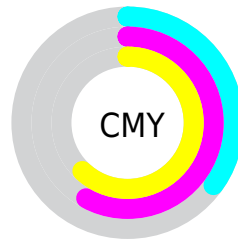


Cyan (0%)

Magenta (35%)

Yellow (41%)

Black (35%)



Cyan (35%)

Magenta (58%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9793, 19.3966, 14.0880 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 22.9793, 19.3966, 14.0880 by changing the saturation by 10% instead.

■ 22.9793, 19.3966,
14.0880

■ 22.9793, 19.3966,
14.0880

260.1560,
248.6296, 229.2250

■ 14.6988, 11.9572,
8.0424

■ 47.8262, 42.4032,
33.9645

■ 8.6932, 6.7145,
4.0340

■ 65.1234, 58.7392,
48.6324

■ 4.5971, 3.2842,
1.6440

■ 86.1569, 78.8095,
67.0117

■ 2.0452, 1.2819,
0.3219

■ 111.2920,
102.9985, 89.5206

■ 0.6592, 0.1271,
0.0000

140.8941,
131.6906, 116.5779

■ 0.0000, 0.0000,
0.0000

175.3286,

165.2702, 148.6021

214.9607,
204.1217, 186.0116

■ 22.9793, 19.3966,
14.0880

■ 22.9793, 19.3966,
14.0880

■ 20.9110, 16.3810,
9.9431

■ 25.4552, 22.9703,
19.1615

■ 19.2269, 13.8925,
6.6693

■ 28.3574, 27.1254,
25.2141

■ 17.9031, 11.9014,
4.2044

■ 31.7056, 31.8872,
32.2939

■ 16.9129, 10.3741,
2.4776


■ 35.5174, 37.2788,
40.4458


■ 16.2254, 9.2724,
1.4055


■ 39.8098, 43.3221,
49.7116

 15.8072, 8.5798,
0.8229

 44.5987, 50.0378,
60.1312

 49.8993, 57.4459,
71.7425

 55.7263, 65.5653,
84.5814

 62.0937, 74.4143,
98.6826

Harmonies

Analogous

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



23.9563, 19.3966, 20.2393



22.9793, 19.3966, 14.0880



20.7820, 19.3966, 10.6287

Triad

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



22.9793, 19.3966, 14.0880



14.2702, 19.3966, 15.3018



18.7494, 19.3966, 39.1181

Complementary

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



22.9793, 19.3966, 14.0880



23.7163, 29.0887, 39.9618

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.



16.2734, 19.3966, 36.9140



22.9793, 19.3966, 14.0880



13.8362, 19.3966, 22.0250

Square

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



22.9793, 19.3966, 14.0880



15.7816, 19.3966, 11.2036



14.5347, 19.3966, 30.1709



21.3723, 19.3966, 35.6336

Rectangle

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



22.9793, 19.3966, 14.0880



19.0110, 19.3966, 9.7522



14.5347, 19.3966, 30.1709



17.8725, 19.3966, 39.0208

Sweetspot

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



22.9798, 19.3975, 14.0884



55.7594, 55.6560, 55.6616



25.8911, 19.1373, 33.8112



12.0253, 11.9335, 11.8191



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.



22.9798, 19.3975, 14.0884



37.6895, 29.6879, 18.2803



27.1631, 27.7642, 15.4828



7.1470, 7.2324, 7.3994



11.9808, 6.5356, 0.6300



0.2727, 0.1792, 0.0202

Inverse Universe

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



23.7163, 29.0887, 39.9618



39.1758, 49.4841, 71.2389



18.8579, 19.3720, 38.3424



7.1946, 7.8482, 9.0387



12.5752, 16.9298, 29.5348



0.2852, 0.3977, 0.6276

Previews

White Background



This preview shows how the XYZ color 22.9793, 19.3966, 14.0880 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 22.9793, 19.3966, 14.0880 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 22.9793, 19.3966, 14.0880

Background



This preview shows how black text looks on a background with the XYZ color 22.9793, 19.3966, 14.0880.



This preview shows how white text looks on a background with the XYZ color 22.9793, 19.3966,

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

22.9793, 19.3966, 14.0880

Protanopia

18.4114, 19.5282, 16.1635

Deuteranopia

19.8003, 19.4067, 13.7686



Tritanopia

23.7581, 19.4024, 18.1156

Trichromacy



Original Color

22.9793, 19.3966, 14.0880

Protanomaly

19.7441, 19.3446, 15.2636

Deuteranomaly

20.8253, 19.2526, 13.9278

Tritanomaly

23.5867, 19.4978, 16.7076

Monochromacy



Original Color

22.9793, 19.3966, 14.0880

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.8798, 19.3408, 18.6049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9793, 19.3966, 14.0880 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, 107, 98)` looks like.

```
.text, #text, p{  
    color:rgb(165, 107, 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, 107, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 107, 98) }
```

Border

The CSS property to change the border of an element to XYZ 22.9793, 19.3966, 14.0880 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, 107, 98) }
```


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

```
.border{ border-color:rgb(165, 107, 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, 107, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 107, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 107, 98);  
box-shadow:4px 4px 4px 4px rgb(165, 107,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9793, 19.3966, 14.0880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 107, 98) }
```

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

```
.background{ background-color: rgb(165,  
107, 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](#).

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