

Converting Colors

XYZ(22.5841, 19.2171, 12.2257)

Have a look what the booklet for
XYZ(22.5841, 19.2171, 12.2257)
contains.

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Color

**XYZ(22.6202, 19.2529,
12.1968)**

Conversions

Conversions Part 1

Format	Color
Hex	A56B5A
RGB	165, 107, 90
RGB Percent	65%, 42%, 35%
CMY	0.3529, 0.5804, 0.6471
CMYK	0.00, 0.35, 0.45, 0.35
HSL	14°, 29%, 50%
HSV	14°, 45%, 65%
XYZ	22.6202, 19.2529, 12.1968
YIQ	122.4040, 40.0250, 7.0090

Conversions

Conversions Part 2

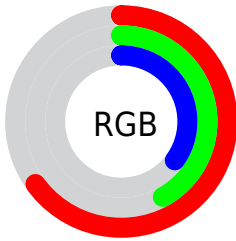
Format	Color
R_{YB}	165, 112, 90
Decimal	10840922
CIE _{Lab}	50.98, 21.14, 19.08
CIE _{LCh}	51, 28.473, 42.063
Yxy	19.2529, 0.4184, 0.3561
Android (android.graphics.Color)	4289031002 (0xFFA56B5A)
YUV	122.4040, -15.9752, 37.3567
Hunter-Lab	43.8781, 15.2342, 14.2339

Details

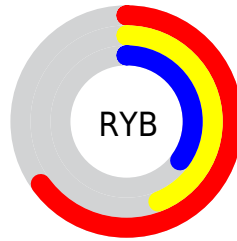
The XYZ color **22.6202, 19.2529, 12.1968** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.5974, 26.0689, 39.4907**, and the grayscale version is **18.6728, 19.6452, 21.3936**.

A 20% lighter version of the original color is **47.2560, 42.2193, 30.4694**, and **8.4490, 6.6248, 3.2163** is the 20% darker color. If you saturate the color by 10%, you get **20.7609, 16.5361, 8.4883**, and if you desaturate by 10%, it is **24.8327, 22.4265, 16.7925**.

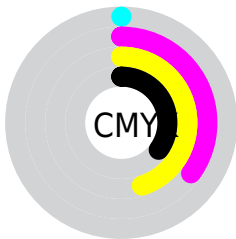
Distribution



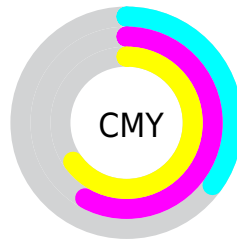
- Red (65%)
- Green (42%)
- Blue (35%)



- Red (65%)
- Yellow (44%)
- Blue (35%)



- Cyan (0%)
- Magenta (35%)
- Yellow (45%)
- Black (35%)





- Cyan (35%)
- Magenta (58%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.6202, 19.2529, 12.1968 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 22.6202, 19.2529, 12.1968 by changing the saturation by 10% instead.

 22.6202, 19.2529,
12.1968


 22.6202, 19.2529,
12.1968


258.3401,
247.8414, 216.7278


 14.4325, 11.8532,
6.7537


 47.2402, 42.1610,
30.5228


 8.5058, 6.6438,
3.2324


 64.4032, 58.4382,
44.2427

 4.4748, 3.2403,
1.2145

 85.2886, 78.4432,
61.5587

 1.9741, 1.2585,
0.0000

 110.2619,
102.5606, 82.8892

 0.6193, 0.1087,
0.0000

 139.6883,
131.1748, 108.6528

 0.0000, 0.0000,
0.0000

173.9332,

164.6700, 139.2681

213.3621,
203.4307, 175.1536

■ 22.6202, 19.2529,
12.1968

■ 22.6202, 19.2529,
12.1968

■ 20.7609, 16.5361,
8.4883

■ 24.8327, 22.4265,
16.7925

■ 19.2343, 14.2521,
5.6082

■ 27.4146, 26.0741,
22.3271

■ 18.0200, 12.3787,
3.4920

■ 30.3824, 30.2151,
28.8492

■ 17.0945, 10.8905,
2.0653

■ 33.7517, 34.8674,
36.4040

■ 16.4296, 9.7587,
1.2331

■ 37.5368, 40.0475,
45.0339

■ 16.1914, 9.3480,
0.9510

■ 41.7515, 45.7716,
54.7788

■ 46.4089, 52.0550,
65.6766

■ 51.5214, 58.9123,
77.7635

■ 57.1012, 66.3577,
91.0739

Harmonies

Analogous

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



24.1208, 19.2529, 17.8869



22.6202, 19.2529, 12.1968



20.0179, 19.2529, 9.4012

Triad

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



22.6202, 19.2529, 12.1968



13.6166, 19.2529, 16.5413



19.4542, 19.2529, 40.0757

Complementary

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



22.6202, 19.2529, 12.1968



21.5974, 26.0689, 39.4907

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.



16.6820, 19.2529, 39.4455



22.6202, 19.2529, 12.1968



13.4990, 19.2529, 24.3732

Square

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



22.6202, 19.2529, 12.1968



14.9066, 19.2529, 11.4303



14.5670, 19.2529, 33.1610



22.1713, 19.2529, 34.7101

Rectangle

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



22.6202, 19.2529, 12.1968



18.1051, 19.2529, 8.9722



14.5670, 19.2529, 33.1610



18.4948, 19.2529, 40.5898

Sweetspot

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



22.6207, 19.2538, 12.1972



55.0971, 55.0622, 53.1881



24.5781, 17.4737, 30.4066



11.7903, 11.6838, 11.0614



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.



22.6207, 19.2538, 12.1972



37.0146, 29.3687, 14.8785



27.2980, 28.6084, 13.7563



7.1980, 7.3344, 7.4164



12.2814, 7.1367, 0.7302



0.2906, 0.2150, 0.0262

Inverse Universe

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



21.5974, 26.0689, 39.4907



34.9027, 43.1223, 70.2362



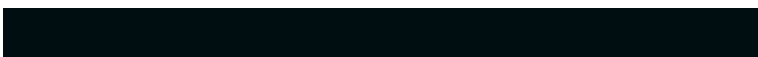
16.7199, 16.3139, 37.8649



7.1393, 7.7376, 9.0203



10.9759, 13.7312, 29.0017



0.2624, 0.3520, 0.6200

Previews

White Background



This preview shows how the XYZ color 22.6202, 19.2529, 12.1968 looks on a white background.

Color Contrast Check

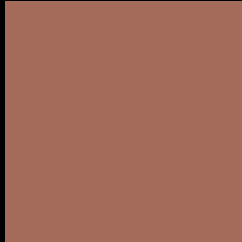
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.6202, 19.2529, 12.1968 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 22.6202, 19.2529, 12.1968

Background



This preview shows how black text looks on a background with the XYZ color 22.6202, 19.2529, 12.1968.



This preview shows how white text looks on a background with the XYZ color 22.6202, 19.2529,

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

22.6202, 19.2529, 12.1968

Protanopia

18.3231, 19.5280, 14.1128

Deuteranopia

19.6243, 19.3565, 11.9344



Tritanopia

23.8113, 19.2860, 17.7968

Trichromacy



Original Color

22.6202, 19.2529, 12.1968

Protanomaly

19.7094, 19.3704, 13.2897

Deuteranomaly

20.6572, 19.2069, 12.0697

Tritanomaly

23.2762, 19.2096, 15.5777

Monochromacy



Original Color

22.6202, 19.2529, 12.1968

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.6570, 19.2516, 17.4318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6202, 19.2529, 12.1968 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, 90)` looks like.

```
.text, #text, p{  
    color:rgb(165, 107, 90)  
}
```

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, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 107, 90) }
```

Border

The CSS property to change the border of an element to XYZ 22.6202, 19.2529, 12.1968 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, 90) }
```


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

```
.border{ border-color:rgb(165, 107, 90) }
```

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, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 107, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 107, 90);  
box-shadow:4px 4px 4px 4px rgb(165, 107,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6202, 19.2529, 12.1968 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, 90) }
```

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

```
.background{ background-color: rgb(165,  
107, 90) }
```

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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