

Converting Colors

XYZ(22.4947, 18.0326, 14.2345)

Have a look what the booklet for
XYZ(22.4947, 18.0326, 14.2345)
contains.

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Color

**XYZ(22.5833, 18.1414,
14.3680)**

Conversions

Conversions Part 1

Format	Color
Hex	A66464
RGB	166, 100, 100
RGB Percent	65%, 39%, 39%
CMY	0.3490, 0.6078, 0.6078
CMYK	0.00, 0.40, 0.40, 0.35
HSL	0°, 27%, 52%
HSV	0°, 40%, 65%
XYZ	22.5833, 18.1414, 14.3680
YIQ	119.7340, 39.3360, 13.9920

Conversions

Conversions Part 2

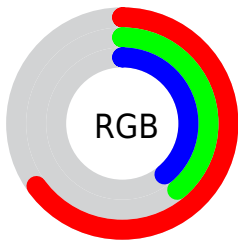
Format	Color
R_{YB}	166, 100, 100
Decimal	10904676
CIE _{Lab}	49.67, 26.64, 11.40
CIE _{LCh}	50, 28.972, 23.165
Yxy	18.1414, 0.4099, 0.3293
Android (android.graphics.Color)	4289094756 (0xFFA66464)
YUV	119.7340, -9.7289, 40.5753
Hunter-Lab	42.5927, 20.1061, 9.8143

Details

The XYZ color **22.5833, 18.1414, 14.3680** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.7742, 32.7337, 41.0362**, and the grayscale version is **17.7894, 18.7158, 20.3815**.

A 20% lighter version of the original color is **47.2456, 40.3788, 34.5819**, and **8.5527, 6.1578, 4.1060** is the 20% darker color. If you saturate the color by 10%, you get **20.4271, 14.9864, 10.0811**, and if you desaturate by 10%, it is **25.2285, 22.0124, 19.6260**.

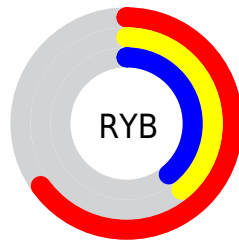
Distribution



Red (65%)

Green (39%)

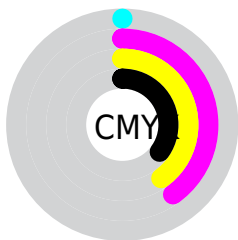
Blue (39%)



Red (65%)

Yellow (39%)

Blue (39%)

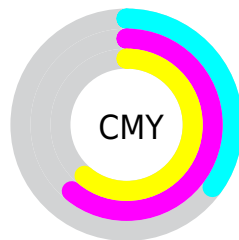


Cyan (0%)

Magenta (40%)

Yellow (40%)

Black (35%)



Cyan (35%)

Magenta (61%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5833, 18.1414, 14.3680 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 22.5833, 18.1414, 14.3680 by changing the saturation by 10% instead.

■ 22.5833, 18.1414,
14.3680

■ 22.5833, 18.1414,
14.3680

258.1530,
241.6668, 231.0158

■ 14.4051, 11.0516,
8.2354

■ 47.1799, 40.2781,
34.4671

■ 8.4866, 6.1015,
4.1560

■ 64.3290, 56.0938,
49.2706

■ 4.4622, 2.9069,
1.7113

■ 85.1992, 75.5868,
67.8015

■ 1.9668, 1.0833,
0.3685

■ 110.1558, 99.1417,
90.4783

■ 0.6152, 0.0000,
0.0000

139.5641,
127.1427, 117.7197

■ 0.0000, 0.0000,
0.0000

173.7895,

159.9743, 149.9440

213.1973,
198.0209, 187.5698

■ 22.5833, 18.1414,
14.3680

■ 22.5833, 18.1414,
14.3680

■ 20.4271, 14.9864,
10.0811

■ 25.2285, 22.0124,
19.6260

■ 18.7287, 12.5012,
6.7048

■ 28.3887, 26.6366,
25.9083

■ 17.4554, 10.6380,
4.1737


■ 32.0896, 32.0521,
33.2656


■ 16.5698, 9.3420,
2.4132


■ 36.3549, 38.2933,
41.7448

■ 16.0277, 8.5486,
1.3357


■ 41.2067, 45.3929,
51.3901


 15.7325, 8.1168,
0.7490

 46.6662, 53.3816,
62.2435

 15.7260, 8.1072,
0.7360

 52.7533, 62.2887,
74.3446

 59.4870, 72.1420,
87.7313

 66.8858, 82.9684,
102.4400

Harmonies

Analogous

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



23.0525, 18.1414, 21.6131



22.5833, 18.1414, 14.3680



20.6160, 18.1414, 9.9321

Triad

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



22.5833, 18.1414, 14.3680



13.3427, 18.1414, 11.9852



16.6204, 18.1414, 38.9587

Complementary

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



22.5833, 18.1414, 14.3680



25.7742, 32.7337, 41.0362

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.



14.2593, 18.1414, 34.5451



22.5833, 18.1414, 14.3680



12.5018, 18.1414, 18.0026

Square

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



22.5833, 18.1414, 14.3680



15.2427, 18.1414, 8.8341



12.8186, 18.1414, 26.3388



19.4107, 18.1414, 37.2316

Rectangle

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



22.5833, 18.1414, 14.3680



18.8222, 18.1414, 8.5034



12.8186, 18.1414, 26.3388



15.7544, 18.1414, 38.1123

Sweetspot

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



22.5838, 18.1423, 14.3683



56.4908, 55.6125, 56.8972



27.1661, 19.9747, 38.5001



12.4502, 12.1650, 12.3520



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



22.5838, 18.1423, 14.3683



37.3788, 27.6460, 18.9035



26.4138, 25.8023, 15.6450



7.5312, 7.5424, 7.8482



12.1947, 6.2867, 0.5707



0.2967, 0.1530, 0.0139

Inverse Universe

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



25.7742, 32.7337, 41.0362



44.0117, 57.9824, 74.3473



20.5262, 22.2377, 39.2869



7.7475, 8.5320, 9.6568



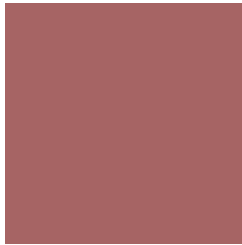
15.9104, 23.2810, 31.6306



0.3871, 0.5664, 0.7696

Previews

White Background



This preview shows how the XYZ color 22.5833, 18.1414, 14.3680 looks on a white background.

Color Contrast Check

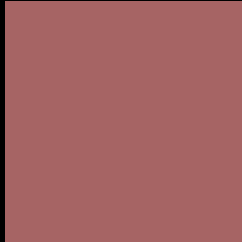
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 22.5833, 18.1414, 14.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

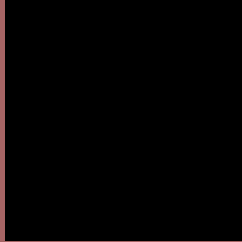
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5833, 18.1414, 14.3680

Background



This preview shows how black text looks on a background with the XYZ color 22.5833, 18.1414, 14.3680.

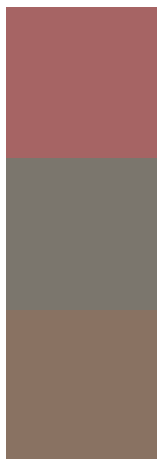


This preview shows how white text looks on a background with the XYZ color 22.5833, 18.1414,

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

22.5833, 18.1414, 14.3680

Protanopia

17.4071, 18.2719, 17.0774

Deuteranopia

18.5384, 18.2348, 14.0979



Tritanopia

22.9997, 18.1798, 15.9325

Trichromacy



Original Color

22.5833, 18.1414, 14.3680

Protanomaly

18.9334, 17.8985, 16.0925

Deuteranomaly

19.9335, 18.1340, 14.2540

Tritanomaly

22.8969, 18.1386, 15.3910

Monochromacy



Original Color

22.5833, 18.1414, 14.3680

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.2023, 18.3209, 18.1470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5833, 18.1414, 14.3680 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(166, 100, 100)` looks like.

```
.text, #text, p{  
    color:rgb(166, 100, 100)  
}
```

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(166, 100, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 100, 100) }
```

Border

The CSS property to change the border of an element to XYZ 22.5833, 18.1414, 14.3680 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(166, 100, 100) }
```


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

```
.border{ border-color:rgb(166, 100, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 100, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 100, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 100, 100);  
box-shadow:4px 4px 4px 4px rgb(166, 100,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5833, 18.1414, 14.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 100, 100) }
```

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

```
.background{ background-color: rgb(166,  
100, 100) }
```

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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