

Converting Colors

XYZ(24.1572, 21.9116, 18.4006)

Have a look what the booklet for
XYZ(24.1572, 21.9116, 18.4006)
contains.

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Color

**XYZ(24.2194, 21.9406,
18.2877)**

Conversions

Conversions Part 1

Format	Color
Hex	A17770
RGB	161, 119, 112
RGB Percent	63%, 47%, 44%
CMY	0.3686, 0.5333, 0.5608
CMYK	0.00, 0.26, 0.30, 0.37
HSL	9°, 21%, 54%
HSV	9°, 30%, 63%
XYZ	24.2194, 21.9406, 18.2877
YIQ	130.7600, 27.2790, 6.7270

Conversions

Conversions Part 2

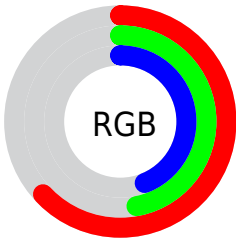
Format	Color
R_{YB}	161, 120, 112
Decimal	10581872
CIE _{Lab}	53.96, 15.42, 10.28
CIE _{LCh}	54, 18.533, 33.688
Yxy	21.9406, 0.3758, 0.3404
Android (android.graphics.Color)	4288771952 (0xFFA17770)
YUV	130.7600, -9.2487, 26.5205
Hunter-Lab	46.8408, 10.3234, 9.6404

Details

The XYZ color **24.2194, 21.9406, 18.2877** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.6703, 29.1281, 38.0403**, and the grayscale version is **21.5134, 22.6338, 24.6482**.

A 20% lighter version of the original color is **49.8790, 46.5579, 41.4796**, and **9.2999, 7.9386, 5.8926** is the 20% darker color. If you saturate the color by 10%, you get **21.8772, 18.5648, 13.4728**, and if you desaturate by 10%, it is **26.9615, 25.8595, 24.0273**.

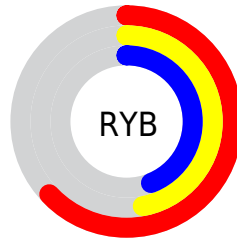
Distribution



Red (63%)

Green (47%)

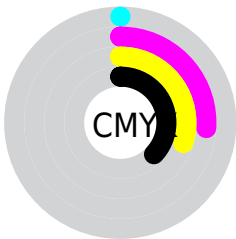
Blue (44%)



Red (63%)

Yellow (47%)

Blue (44%)

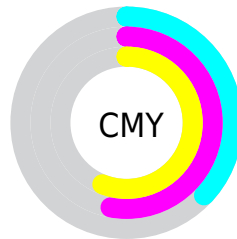


Cyan (0%)

Magenta (26%)

Yellow (30%)

Black (37%)



Cyan (37%)


Magenta (53%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.2194, 21.9406, 18.2877 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 24.2194, 21.9406, 18.2877 by changing the saturation by 10% instead.


 24.2194, 21.9406,
18.2877


 24.2194, 21.9406,
18.2877


266.3478,
262.2359, 254.7781


 15.6221, 13.8133,
10.9852

 49.8401, 46.6478,
41.3475


 9.3463, 7.9909,
5.9428


 67.5941, 63.9965,
57.9418

 5.0266, 4.0891,
2.7421

 89.1311, 85.1877,
78.4705

 2.2978, 1.7235,
0.9645

 114.8164,
110.6058, 103.3521

 0.7935, 0.4388,
0.0000

145.0154,
140.6353, 133.0051

 0.0000, 0.0000,
0.0000

180.0933,

175.6606, 167.8480

220.4157,
216.0660, 208.2995

■ 24.2194, 21.9406,
18.2877

■ 24.2194, 21.9406,
18.2877

■ 21.8772, 18.5648,
13.4728

■ 26.9615, 25.8595,
24.0273

■ 19.9145, 15.7052,
9.5327

■ 30.1193, 30.3407,
30.7351

■ 18.3115, 13.3370,
6.4152

■ 33.7099, 35.4065,
38.4534

■ 17.0459, 11.4325,
4.0616

■ 37.7489, 41.0769,
47.2217

■ 16.0930, 9.9607,
2.4056

■ 42.2509, 47.3710,
57.0774

■ 15.4244, 8.8873,
1.3695

■ 47.2303, 54.3069,
68.0559

■ 15.0046, 8.1903,
0.7901

■ 52.7004, 61.9022,
80.1912

■ 58.6742, 70.1737,
93.5158

■ 64.8567, 79.0145,
106.4408

Harmonies

Analogous

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



24.9308, 21.9406, 23.1883



24.2194, 21.9406, 18.2877



22.6050, 21.9406, 15.3162

Triad

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



24.2194, 21.9406, 18.2877



17.5938, 21.9406, 19.3336



21.1022, 21.9406, 36.6489

Complementary

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



24.2194, 21.9406, 18.2877



24.6703, 29.1281, 38.0403

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.



19.1956, 21.9406, 35.1817



24.2194, 21.9406, 18.2877



17.2475, 21.9406, 24.6049

Square

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



24.2194, 21.9406, 18.2877



18.7932, 21.9406, 15.8489



17.8155, 21.9406, 30.5324



23.0600, 21.9406, 34.2729

Rectangle

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



24.2194, 21.9406, 18.2877



21.2795, 21.9406, 14.5314



17.8155, 21.9406, 30.5324



20.4340, 21.9406, 36.5904

Sweetspot

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



24.2200, 21.9416, 18.2881



54.7113, 55.4269, 56.6912



26.3639, 21.5143, 33.5393



11.8156, 11.8965, 12.0409



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.



24.2200, 21.9416, 18.2881



40.2605, 34.8107, 26.3313



27.4502, 28.4020, 19.3649



7.1517, 7.2418, 7.4010



12.0029, 6.5797, 0.6374



0.2744, 0.1825, 0.0208

Inverse Universe

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



24.6703, 29.1281, 38.0403



41.1987, 49.8998, 67.8468



21.0935, 21.9746, 36.8480



7.1894, 7.8379, 9.0370



12.4178, 16.6151, 29.4823



0.2830, 0.3933, 0.6269

Previews

White Background



This preview shows how the XYZ color 24.2194, 21.9406, 18.2877 looks on a white background.

Color Contrast Check

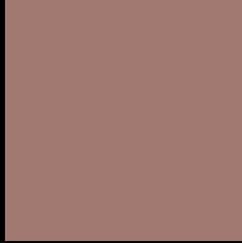
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2194, 21.9406, 18.2877 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 24.2194, 21.9406, 18.2877

Background



This preview shows how black text looks on a background with the XYZ color 24.2194, 21.9406, 18.2877.



This preview shows how white text looks on a background with the XYZ color 24.2194, 21.9406,

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

24.2194, 21.9406, 18.2877

Protanopia

20.8927, 22.0532, 19.9852

Deuteranopia

22.2896, 21.8589, 18.0833



Tritanopia

25.0275, 21.9103, 22.6487

Trichromacy



Original Color

24.2194, 21.9406, 18.2877

Protanomaly

21.9297, 21.8343, 19.2783

Deuteranomaly

22.9656, 21.8391, 18.0439

Tritanomaly

24.8299, 22.0187, 21.0305

Monochromacy



Original Color

24.2194, 21.9406, 18.2877

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.3828, 22.3848, 22.2098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2194, 21.9406, 18.2877 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(161, 119, 112)` looks like.

```
.text, #text, p{  
    color:rgb(161, 119, 112)  
}
```

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(161, 119, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 119, 112) }
```

Border

The CSS property to change the border of an element to XYZ 24.2194, 21.9406, 18.2877 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(161, 119, 112) }
```


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

```
.border{ border-color:rgb(161, 119, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 119, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 119, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 119, 112);  
box-shadow:4px 4px 4px 4px rgb(161, 119,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2194, 21.9406, 18.2877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 119, 112) }
```

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

```
.background{ background-color: rgb(161,  
119, 112) }
```

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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