

Converting Colors

XYZ(24.7681, 25.5161, 22.0324)

Have a look what the booklet for
XYZ(24.7681, 25.5161, 22.0324)
contains.

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Color

**XYZ(24.7114, 25.4030,
22.0132)**

Conversions

Conversions Part 1

Format	Color
Hex	95887A
RGB	149, 136, 122
RGB Percent	58%, 53%, 48%
CMY	0.4157, 0.4667, 0.5216
CMYK	0.00, 0.09, 0.18, 0.42
HSL	31°, 11%, 53%
HSV	31°, 18%, 58%
XYZ	24.7114, 25.4030, 22.0132
YIQ	138.2910, 12.2420, -1.5980

Conversions

Conversions Part 2

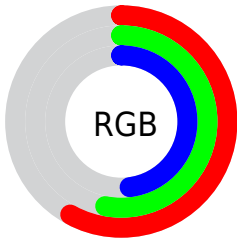
Format	Color
R_{YB}	147, 149, 122
Decimal	9799802
CIE _{Lab}	57.47, 2.46, 9.28
CIE _{LCh}	57, 9.603, 75.169
Yxy	25.4030, 0.3426, 0.3522
Android (android.graphics.Color)	4287989882 (0xFF95887A)
YUV	138.2910, -8.0315, 9.3918
Hunter-Lab	50.4014, -0.6853, 9.3856

Details

The XYZ color **24.7114, 25.4030, 22.0132** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.1147, 23.6349, 31.8303**, and the grayscale version is **24.2956, 25.5609, 27.8358**.

A 20% lighter version of the original color is **50.4662, 52.1477, 47.4501**, and **9.5674, 9.7333, 7.6778** is the 20% darker color. If you saturate the color by 10%, you get **22.8817, 23.1094, 17.1924**, and if you desaturate by 10%, it is **26.7517, 27.8907, 27.6032**.

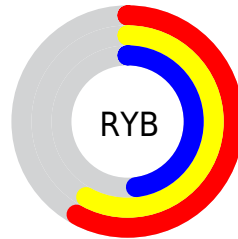
Distribution



Red (58%)

Green (53%)

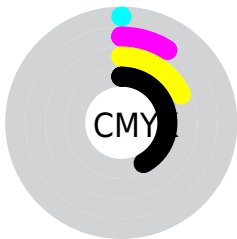
Blue (48%)



Red (58%)

Yellow (58%)

Blue (48%)

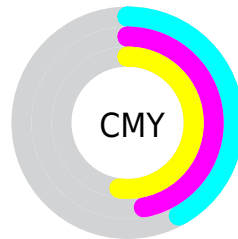


Cyan (0%)

Magenta (9%)

Yellow (18%)

Black (42%)



Cyan (42%)

Magenta (47%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7114, 25.4030, 22.0132 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 24.7114, 25.4030, 22.0132 by changing the saturation by 10% instead.

■ 24.7114, 25.4030,
22.0132

■ 24.7114, 25.4030,
22.0132

268.7719,
279.8390, 275.5710

■ 15.9898, 16.3776,
13.6682

■ 50.6349, 52.3103,
47.6703

■ 9.6077, 9.7917,
7.7541

■ 68.5675, 70.9609,
65.8194

■ 5.1999, 5.2611,
3.8525

■ 90.3011, 93.5886,
88.0737

■ 2.4010, 2.4012,
1.5448

116.2011,
120.5780, 114.8517

■ 0.8456, 0.8265,
0.2510

146.6328,
152.3133, 146.5718

■ 0.0000, 0.0000,
0.0000

181.9616,

189.1790, 183.6527

222.5528,
231.5594, 226.5129

■ 24.7114, 25.4030,
22.0132

■ 24.7114, 25.4030,
22.0132

■ 22.8817, 23.1094,
17.1924

■ 26.7517, 27.8907,
27.6032

■ 21.2528, 21.0013,
13.1049

■ 29.0077, 30.5742,
33.9930

■ 19.8170, 19.0744,
9.7143

■ 31.4872, 33.4591,
41.2133

■ 18.5655, 17.3229,
6.9805

■ 34.1967, 36.5503,
49.2927

■ 17.4885, 15.7405,
4.8591

■ 37.1424, 39.8519,
58.2588

■ 16.5751, 14.3205,
3.3002

■ 40.3304, 43.3683,
68.1374

■ 15.8128, 13.0555,
2.2461

■ 43.7666, 47.1036,
78.9536

■ 15.1788, 11.9337,
1.5839

■ 47.4564, 51.0619,
90.7315

■ 15.0677, 11.7361,
1.4711

■ 51.2275, 55.1757,
102.5577

Harmonies

Analogous

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



25.7267, 25.4030, 23.4338



24.7114, 25.4030, 22.0132



23.5746, 25.4030, 22.0215

Triad

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



24.7114, 25.4030, 22.0132



22.0862, 25.4030, 29.3385



25.7363, 25.4030, 32.3358

Complementary

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



24.7114, 25.4030, 22.0132



22.1147, 23.6349, 31.8303

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.



24.7241, 25.4030, 34.1861



24.7114, 25.4030, 22.0132



22.6291, 25.4030, 32.3650

Square

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



24.7114, 25.4030, 22.0132



22.0831, 25.4030, 26.0804



23.5869, 25.4030, 34.1972



26.3310, 25.4030, 29.3012

Rectangle

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



24.7114, 25.4030, 22.0132



22.9016, 25.4030, 22.8293



23.5869, 25.4030, 34.1972



25.4322, 25.4030, 33.1272

Sweetspot

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



24.7121, 25.4041, 22.0137



49.0869, 51.3617, 52.7345



23.7309, 22.0596, 25.9476



10.8229, 11.3162, 11.5308



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.7121, 25.4041, 22.0137



42.7927, 43.6759, 35.5229



26.5729, 29.2475, 22.6575



6.0347, 6.2831, 6.1352



12.7114, 9.9373, 1.2481



0.1851, 0.1807, 0.0251

Inverse Universe

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



22.1147, 23.6349, 31.8303



37.2012, 39.8673, 56.6557



20.4746, 20.2599, 31.2653



5.7160, 6.0660, 7.3393



6.5306, 5.7560, 24.6979



0.1092, 0.1289, 0.3120

Previews

White Background



This preview shows how the XYZ color 24.7114, 25.4030, 22.0132 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 24.7114, 25.4030, 22.0132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

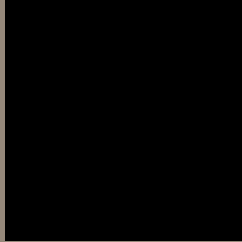
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.7114, 25.4030, 22.0132

Background



This preview shows how black text looks on a background with the XYZ color 24.7114, 25.4030, 22.0132.



This preview shows how white text looks on a background with the XYZ color 24.7114, 25.4030,

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

24.7114, 25.4030, 22.0132

Protanopia

24.1652, 25.5363, 22.3942

Deuteranopia

25.8673, 25.3732, 22.2731



Tritanopia

26.2943, 25.4336, 29.5099

Trichromacy



Original Color

24.7114, 25.4030, 22.0132

Protanomaly

24.3749, 25.4324, 22.3631

Deuteranomaly

25.4267, 25.3503, 22.2919

Tritanomaly

25.6608, 25.3788, 26.4678

Monochromacy



Original Color

24.7114, 25.4030, 22.0132

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.2658, 25.3080, 25.4358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7114, 25.4030, 22.0132 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(149, 136, 122)` looks like.

```
.text, #text, p{  
    color:rgb(149, 136, 122)  
}
```

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(149, 136, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 136, 122) }
```

Border

The CSS property to change the border of an element to XYZ 24.7114, 25.4030, 22.0132 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(149, 136, 122) }
```


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

```
.border{ border-color:rgb(149, 136, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 136, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 136, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 136, 122);  
box-shadow:4px 4px 4px 4px rgb(149, 136,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7114, 25.4030, 22.0132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 136, 122) }
```

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

```
.background{ background-color: rgb(149,  
136, 122) }
```

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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