

Converting Colors

XYZ(24.8921, 22.8722, 24.0744)

Have a look what the booklet for
XYZ(24.8921, 22.8722, 24.0744)
contains.

XYZ(25.0169, 22.9457, 24.2295)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.0169, 22.9457,
24.2295)**

Conversions

Conversions Part 1

Format	Color
Hex	9D7B82
RGB	157, 123, 130
RGB Percent	62%, 48%, 51%
CMY	0.3843, 0.5176, 0.4902
CMYK	0.00, 0.22, 0.17, 0.38
HSL	348°, 15%, 55%
HSV	348°, 22%, 62%
XYZ	25.0169, 22.9457, 24.2295
YIQ	133.9640, 18.0170, 9.3850

Conversions

Conversions Part 2

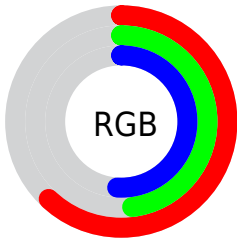
Format	Color
R_{YB}	157, 123, 130
Decimal	10320770
CIE _{Lab}	55.02, 14.33, 1.25
CIE _{LCh}	55, 14.380, 4.967
Yxy	22.9457, 0.3465, 0.3178
Android (android.graphics.Color)	4288510850 (0xFF9D7B82)
YUV	133.9640, -1.9543, 20.2026
Hunter-Lab	47.9017, 9.3946, 3.5413

Details

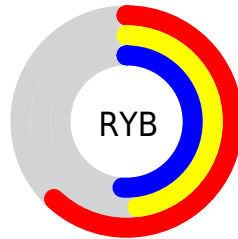
The XYZ color **25.0169, 22.9457, 24.2295** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.7314, 30.5276, 33.3920**, and the grayscale version is **22.6496, 23.8291, 25.9499**.

A 20% lighter version of the original color is **51.2240, 48.4666, 51.4549**, and **9.7597, 8.4949, 8.9099** is the 20% darker color. If you saturate the color by 10%, you get **22.4365, 19.0439, 19.4874**, and if you desaturate by 10%, it is **28.0124, 27.5149, 29.6109**.

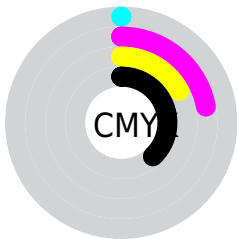
Distribution



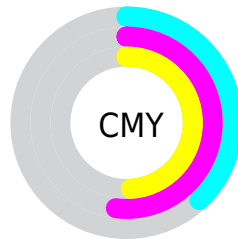
- Red (62%)
- Green (48%)
- Blue (51%)



- Red (62%)
- Yellow (48%)
- Blue (51%)



- Cyan (0%)
- Magenta (22%)
- Yellow (17%)
- Black (38%)



- Cyan (38%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0169, 22.9457, 24.2295 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 25.0169, 22.9457, 24.2295 by changing the saturation by 10% instead.

■ 25.0169, 22.9457,
24.2295

■ 25.0169, 22.9457,
24.2295

270.2682,
267.4460, 287.3025

■ 16.2184, 14.5534,
15.2902

■ 51.1273, 48.3042,
51.3530

■ 9.7707, 8.5066,
8.8744

■ 69.1700, 66.0391,
70.3742

■ 5.3083, 4.4208,
4.5637

■ 91.0248, 87.6571,
93.5931

■ 2.4659, 1.9116,
1.9394

117.0571,
113.5425, 121.4284

■ 0.8781, 0.5553,
0.5176

147.6323,
144.0797, 154.2984

■ 0.0000, 0.0000,
0.0000

183.1156,

179.6530, 192.6217

223.8724,
220.6470, 236.8169

■ 25.0169, 22.9457,
24.2295

■ 25.0169, 22.9457,
24.2295

■ 22.4365, 19.0439,
19.4874

■ 28.0124, 27.5149,
29.6109

■ 20.2508, 15.7752,
15.3592

■ 31.4384, 32.7774,
35.6529

■ 18.4405, 13.1069,
11.8200

■ 35.3118, 38.7617,
42.3775

■ 16.9840, 11.0023,
8.8423

■ 39.6480, 45.4937,
49.8052

■ 15.8573, 9.4205,
6.3967

■ 44.4618, 52.9980,
57.9559

■ 15.0335, 8.3149,
4.4507

■ 49.7673, 61.2980,
66.8483

■ 14.4810, 7.6310,
2.9683

■ 55.5778, 70.4163,
76.5007

■ 14.1698, 7.2742,
2.0462

■ 61.9063, 80.3744,
86.9307

■ 65.7249, 85.1122,
97.1418

Harmonies

Analogous

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



24.7144, 22.9457, 28.8969



25.0169, 22.9457, 24.2295



24.4262, 22.9457, 20.2710

Triad

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



25.0169, 22.9457, 24.2295



20.0946, 22.9457, 18.4422



20.5343, 22.9457, 33.8388

Complementary

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



25.0169, 22.9457, 24.2295



25.7314, 30.5276, 33.3920

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.



19.3861, 22.9457, 30.3761



25.0169, 22.9457, 24.2295



19.1411, 22.9457, 21.4412

Square

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



25.0169, 22.9457, 24.2295



21.5441, 22.9457, 17.2003



18.8881, 22.9457, 25.7539



22.0764, 22.9457, 34.8199

Rectangle

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



25.0169, 22.9457, 24.2295



23.6217, 22.9457, 18.4470



18.8881, 22.9457, 25.7539



20.0919, 22.9457, 32.9073

Sweetspot

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



25.0175, 22.9467, 24.2300



53.4678, 54.3389, 58.8739



25.6799, 23.0506, 34.9944



11.6856, 11.8346, 12.8145



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.0175, 22.9467, 24.2300



42.4726, 37.5620, 39.1365



25.8180, 25.2740, 22.2577



6.6861, 6.6674, 7.1983



11.5197, 5.9125, 1.7219



0.2192, 0.1110, 0.1003

Inverse Universe

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



25.0175, 22.9467, 24.2300



42.4726, 37.5620, 39.1365



24.7459, 27.6278, 35.9272



6.6861, 6.6674, 7.1983



11.5197, 5.9125, 1.7219



0.2192, 0.1110, 0.1003

Previews

White Background



This preview shows how the XYZ color 25.0169, 22.9457, 24.2295 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 25.0169, 22.9457, 24.2295 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 25.0169, 22.9457, 24.2295

Background



This preview shows how black text looks on a background with the XYZ color 25.0169, 22.9457, 24.2295.



This preview shows how white text looks on a background with the XYZ color 25.0169, 22.9457,

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

25.0169, 22.9457, 24.2295

Protanopia

22.1623, 22.9684, 26.1869

Deuteranopia

23.5357, 23.1343, 23.9938



Tritanopia

25.1524, 23.0000, 24.9436

Trichromacy



Original Color

25.0169, 22.9457, 24.2295

Protanomaly

23.1081, 22.8826, 25.3892

Deuteranomaly

24.0010, 22.9907, 23.9415

Tritanomaly

25.0843, 22.9727, 24.5848

Monochromacy



Original Color

25.0169, 22.9457, 24.2295

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.3716, 23.4095, 25.4770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0169, 22.9457, 24.2295 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(157, 123, 130)` looks like.

```
.text, #text, p{  
    color:rgb(157, 123, 130)  
}
```

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(157, 123, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 123, 130) }
```

Border

The CSS property to change the border of an element to XYZ 25.0169, 22.9457, 24.2295 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(157, 123, 130) }
```


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

```
.border{ border-color:rgb(157, 123, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 123, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 123, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 123, 130);  
box-shadow:4px 4px 4px 4px rgb(157, 123,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0169, 22.9457, 24.2295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 123, 130) }
```

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

```
.background{ background-color: rgb(157,  
123, 130) }
```

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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