

Converting Colors

XYZ(24.2737, 23.0542, 22.7989)

Have a look what the booklet for
XYZ(24.2737, 23.0542, 22.7989)
contains.

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Color

**XYZ(24.2364, 22.9459,
22.8903)**

Conversions

Conversions Part 1

Format	Color
Hex	997D7E
RGB	153, 125, 126
RGB Percent	60%, 49%, 49%
CMY	0.4000, 0.5098, 0.5059
CMYK	0.00, 0.18, 0.18, 0.40
HSL	358°, 12%, 55%
HSV	358°, 18%, 60%
XYZ	24.2364, 22.9459, 22.8903
YIQ	133.4860, 16.3670, 6.2470

Conversions

Conversions Part 2

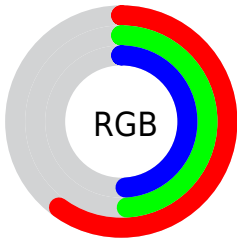
Format	Color
R_{YB}	153, 125, 126
Decimal	10059134
CIE _{Lab}	55.02, 10.96, 3.52
CIE _{LCh}	55, 11.510, 17.813
Yxy	22.9459, 0.3459, 0.3275
Android (android.graphics.Color)	4288249214 (0xFF997D7E)
YUV	133.4860, -3.6906, 17.1138
Hunter-Lab	47.9019, 6.4854, 5.1991

Details

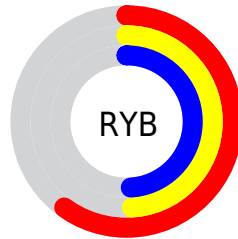
The XYZ color **24.2364, 22.9459, 22.8903** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.5171, 29.4100, 34.0390**, and the grayscale version is **22.4810, 23.6518, 25.7568**.

A 20% lighter version of the original color is **50.0695, 48.5054, 49.3713**, and **9.4035, 8.5295, 8.1719** is the 20% darker color. If you saturate the color by 10%, you get **21.5638, 19.0135, 17.6435**, and if you desaturate by 10%, it is **27.3491, 27.5333, 28.9773**.

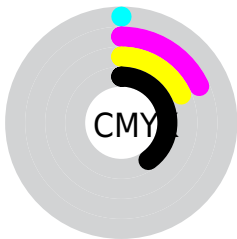
Distribution



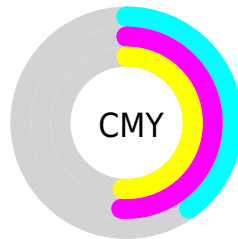
- Red (60%)
- Green (49%)
- Blue (49%)



- Red (60%)
- Yellow (49%)
- Blue (49%)



- Cyan (0%)
- Magenta (18%)
- Yellow (18%)
- Black (40%)



- Cyan (40%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2364, 22.9459, 22.8903 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 24.2364, 22.9459, 22.8903 by changing the saturation by 10% instead.

■ 24.2364, 22.9459,
22.8903

■ 24.2364, 22.9459,
22.8903

266.4318,
267.4470, 280.2647

■ 15.6348, 14.5536,
14.3080

■ 49.8676, 48.3045,
49.1340

■ 9.3553, 8.5067,
8.1940

■ 67.6278, 66.0395,
67.6326

■ 5.0326, 4.4208,
4.1298

■ 89.1716, 87.6576,
90.2736

■ 2.3014, 1.9116,
1.6968

114.8644,
113.5430, 117.4756

■ 0.7954, 0.5554,
0.3585

145.0714,
144.0803, 149.6572

■ 0.0000, 0.0000,
0.0000

180.1581,

179.6538, 187.2368

220.4898,
220.6479, 230.6332

■ 24.2364, 22.9459,
22.8903

■ 24.2364, 22.9459,
22.8903

■ 21.5638, 19.0135,
17.6435

■ 27.3491, 27.5333,
28.9773

■ 19.3097, 15.7034,
13.1985

■ 30.9185, 32.8003,
35.9374

■ 17.4534, 12.9845,
9.5164

■ 34.9627, 38.7743,
43.8039

■ 15.9719, 10.8221,
6.5542

■ 39.4981, 45.4799,
52.6075

■ 14.8396, 9.1777,
4.2649

■ 44.5405, 52.9407,
62.3777

■ 14.0279, 8.0079,
2.5956

■ 50.1050, 61.1794,
73.1428

■ 13.5035, 7.2626,
1.4858

■ 56.2058, 70.2174,
84.9297

■ 13.2088, 6.8463,
0.8539

■ 62.8570, 80.0756,
97.7644

■ 13.1668, 6.7843,
0.7720

■ 66.9470, 85.5124,
107.5848

Harmonies

Analogous

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



24.3035, 22.9459, 26.5013



24.2364, 22.9459, 22.8903



23.5036, 22.9459, 20.1189

Triad

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



24.2364, 22.9459, 22.8903



20.0369, 22.9459, 20.5451



21.2942, 22.9459, 32.5231

Complementary

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



24.2364, 22.9459, 22.8903



25.5171, 29.4100, 34.0390

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.



20.1987, 22.9459, 30.5766



24.2364, 22.9459, 22.8903



19.4920, 22.9459, 23.5261

Square

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



24.2364, 22.9459, 22.8903



21.0655, 22.9459, 18.8588



19.5501, 22.9459, 27.2020



22.5706, 22.9459, 32.3102

Rectangle

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



24.2364, 22.9459, 22.8903



22.7517, 22.9459, 19.0117



19.5501, 22.9459, 27.2020



20.8935, 22.9459, 32.0923

Sweetspot

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



24.2370, 22.9469, 22.8908



50.9335, 52.1918, 55.7098



25.9582, 23.6051, 33.3253



11.1585, 11.3945, 12.1294



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.2370, 22.9469, 22.8908



41.3319, 38.0425, 36.9290



25.8704, 26.3162, 23.1193



6.2173, 6.2261, 6.5242



10.8848, 5.6081, 0.6522



0.1648, 0.0847, 0.0207

Inverse Universe

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



24.2370, 22.9469, 22.8908



41.3319, 38.0425, 36.9290



23.6448, 25.5341, 33.8196



6.2173, 6.2261, 6.5242



10.8848, 5.6081, 0.6522



0.1648, 0.0847, 0.0207

Previews

White Background



This preview shows how the XYZ color 24.2364, 22.9459, 22.8903 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 24.2364, 22.9459, 22.8903 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 24.2364, 22.9459, 22.8903

Background



This preview shows how black text looks on a background with the XYZ color 24.2364, 22.9459, 22.8903.



This preview shows how white text looks on a background with the XYZ color 24.2364, 22.9459,

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

24.2364, 22.9459, 22.8903

Protanopia

22.0704, 22.9685, 24.0390

Deuteranopia

23.3879, 22.8881, 22.9238



Tritanopia

24.7677, 22.9788, 25.3202

Trichromacy



Original Color

24.2364, 22.9459, 22.8903

Protanomaly

22.9019, 23.0098, 23.6564

Deuteranomaly

23.6212, 22.8176, 22.8979

Tritanomaly

24.5633, 22.8970, 24.2440

Monochromacy



Original Color

24.2364, 22.9459, 22.8903

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.8271, 23.1524, 24.3848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2364, 22.9459, 22.8903 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(153, 125, 126)` looks like.

```
.text, #text, p{  
    color:rgb(153, 125, 126)  
}
```

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(153, 125, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 125, 126) }
```

Border

The CSS property to change the border of an element to XYZ 24.2364, 22.9459, 22.8903 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(153, 125, 126) }
```


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

```
.border{ border-color:rgb(153, 125, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 125, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 125, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 125, 126);  
box-shadow:4px 4px 4px 4px rgb(153, 125,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2364, 22.9459, 22.8903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 125, 126) }
```

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

```
.background{ background-color: rgb(153,  
125, 126) }
```

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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