

Converting Colors

XYZ(24.8270, 25.8981, 17.6278)

Have a look what the booklet for
XYZ(24.8270, 25.8981, 17.6278)
contains.

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Color

**XYZ(24.8792, 26.0108,
17.6192)**

Conversions

Conversions Part 1

Format	Color
Hex	998A6B
RGB	153, 138, 107
RGB Percent	60%, 54%, 42%
CMY	0.4000, 0.4588, 0.5804
CMYK	0.00, 0.10, 0.30, 0.40
HSL	40°, 18%, 51%
HSV	40°, 30%, 60%
XYZ	24.8792, 26.0108, 17.6192
YIQ	138.9510, 18.8910, -6.4610

Conversions

Conversions Part 2

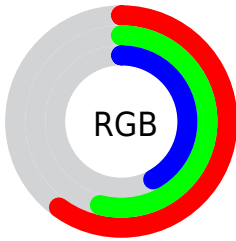
Format	Color
R_{YB}	129, 153, 107
Decimal	10062443
CIE _{Lab}	58.05, 0.67, 18.68
CIE _{LCh}	58, 18.694, 87.937
Yxy	26.0108, 0.3632, 0.3797
Android (android.graphics.Color)	4288252523 (0xFF998A6B)
YUV	138.9510, -15.7518, 12.3210
Hunter-Lab	51.0008, -2.1755, 15.2177

Details

The XYZ color **24.8792, 26.0108, 17.6192** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.7726, 19.3442, 32.8815**, and the grayscale version is **24.5759, 25.8558, 28.1569**.

A 20% lighter version of the original color is **50.9012, 53.1747, 40.3818**, and **9.6460, 10.0619, 5.5714** is the 20% darker color. If you saturate the color by 10%, you get **23.4454, 24.3192, 13.5152**, and if you desaturate by 10%, it is **26.4897, 27.8275, 22.4854**.

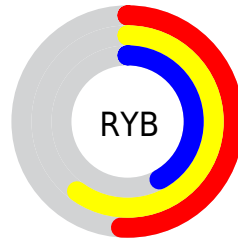
Distribution



Red (60%)

Green (54%)

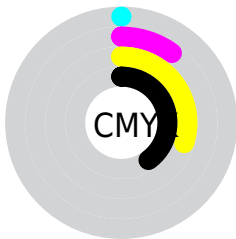
Blue (42%)



Red (51%)

Yellow (60%)

Blue (42%)

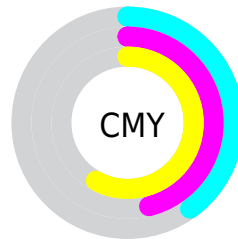


Cyan (0%)

Magenta (10%)

Yellow (30%)

Black (40%)



Cyan (40%)

Magenta (46%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8792, 26.0108, 17.6192 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 24.8792, 26.0108, 17.6192 by changing the saturation by 10% instead.

■ 24.8792, 26.0108,
17.6192

■ 24.8792, 26.0108,
17.6192

269.5946,
282.8351, 250.8794

■ 16.1153, 16.8317,
10.5103

■ 50.9055, 53.2924,
40.1925

■ 9.6972, 10.1146,
5.6286

■ 68.8986, 72.1636,
56.4940

■ 5.2594, 5.4750,
2.5555

■ 90.6989, 95.0344,
76.6969

■ 2.4365, 2.5286,
0.8693

■ 116.6716,
122.2892, 101.2195

■ 0.8634, 0.8909,
0.0000

147.1822,
154.3122, 130.4806

■ 0.0000, 0.0000,
0.0000

182.5960,

191.4879, 164.8986

223.2783,
234.2008, 204.8920

■ 24.8792, 26.0108,
17.6192

■ 24.8792, 26.0108,
17.6192

■ 23.4454, 24.3192,
13.5152

■ 26.4897, 27.8275,
22.4854

■ 22.1782, 22.7454,
10.1322

■ 28.2823, 29.7693,
28.1491

■ 21.0699, 21.2862,
7.4273

■ 30.2645, 31.8410,
34.6450

■ 20.1107, 19.9371,
5.3526

■ 32.4429, 34.0457,
42.0057

■ 19.2900, 18.6932,
3.8536

■ 34.8237, 36.3866,
50.2617

■ 18.5952, 17.5485,
2.8666

■ 37.4127, 38.8668,
59.4421

■ 17.9991, 16.4968,
2.2355

■ 40.2157, 41.4890,
69.5748

■ 43.2380, 44.2561,
80.6863

■ 46.4848, 47.1708,
92.8022

Harmonies

Analogous

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



27.1009, 26.0108, 19.0324



24.8792, 26.0108, 17.6192



22.7427, 26.0108, 18.6909

Triad

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



24.8792, 26.0108, 17.6192



21.0799, 26.0108, 34.5588



28.5896, 26.0108, 35.4522

Complementary

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



24.8792, 26.0108, 17.6192



18.7726, 19.3442, 32.8815

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.



26.8140, 26.0108, 40.7954



24.8792, 26.0108, 17.6192



22.4874, 26.0108, 40.2268

Square

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



24.8792, 26.0108, 17.6192



20.6305, 26.0108, 27.8758



24.5664, 26.0108, 42.6620



29.3227, 26.0108, 28.7716

Rectangle

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



24.8792, 26.0108, 17.6192



21.6357, 26.0108, 20.7776



24.5664, 26.0108, 42.6620



28.0897, 26.0108, 37.5003

Sweetspot

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



24.8799, 26.0120, 17.6197



50.9512, 53.6328, 51.3823



21.9283, 18.7014, 20.9751



11.1498, 11.7357, 11.0213



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.



24.8799, 26.0120, 17.6197



42.8152, 44.5454, 26.5215



25.7811, 29.8942, 18.3216



6.5391, 6.8832, 6.5898



14.9071, 13.6966, 1.8580



0.2556, 0.2702, 0.0387

Inverse Universe

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



18.7726, 19.3442, 32.8815



30.1025, 30.6711, 58.3055



18.0342, 16.4379, 32.3594



6.0408, 6.3389, 7.8341



5.7183, 3.8333, 25.3462



0.1162, 0.1187, 0.3892

Previews

White Background



This preview shows how the XYZ color 24.8792, 26.0108, 17.6192 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 24.8792, 26.0108, 17.6192 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 24.8792, 26.0108, 17.6192

Background



This preview shows how black text looks on a background with the XYZ color 24.8792, 26.0108, 17.6192.



This preview shows how white text looks on a background with the XYZ color 24.8792, 26.0108,

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

24.8792, 26.0108, 17.6192

Protanopia

24.3338, 25.9375, 17.9113

Deuteranopia

26.5417, 26.0254, 17.8119



Tritanopia

27.2501, 25.9263, 29.5546

Trichromacy



Original Color

24.8792, 26.0108, 17.6192

Protanomaly

24.5171, 26.0320, 17.9198

Deuteranomaly

25.8680, 25.8842, 17.8201

Tritanomaly

26.4035, 26.0076, 24.7474

Monochromacy



Original Color

24.8792, 26.0108, 17.6192

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.5650, 25.9268, 23.7883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8792, 26.0108, 17.6192 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, 138, 107)` looks like.

```
.text, #text, p{  
    color:rgb(153, 138, 107)  
}
```

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, 138, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 138, 107) }
```

Border

The CSS property to change the border of an element to XYZ 24.8792, 26.0108, 17.6192 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, 138, 107) }
```


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

```
.border{ border-color:rgb(153, 138, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 138, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 138, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 138, 107);  
box-shadow:4px 4px 4px 4px rgb(153, 138,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8792, 26.0108, 17.6192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 138, 107) }
```

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

```
.background{ background-color: rgb(153,  
138, 107) }
```

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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