

Converting Colors

XYZ(24.5527, 26.2108, 18.3888)

Have a look what the booklet for
XYZ(24.5527, 26.2108, 18.3888)
contains.

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Color

**XYZ(24.5870, 26.2715,
18.5269)**

Conversions

Conversions Part 1

Format	Color
Hex	958C6E
RGB	149, 140, 110
RGB Percent	58%, 55%, 43%
CMY	0.4157, 0.4510, 0.5686
CMYK	0.00, 0.06, 0.26, 0.42
HSL	46°, 16%, 51%
HSV	46°, 26%, 58%
XYZ	24.5870, 26.2715, 18.5269
YIQ	139.2710, 14.9940, -7.4220

Conversions

Conversions Part 2

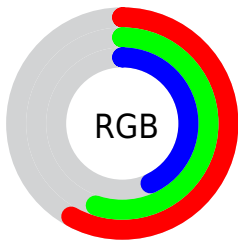
Format	Color
R_{YB}	122, 149, 110
Decimal	9800814
CIE _{Lab}	58.29, -1.65, 17.27
CIE _{LCh}	58, 17.345, 95.449
Yxy	26.2715, 0.3544, 0.3786
Android (android.graphics.Color)	4287990894 (0xFF958C6E)
YUV	139.2710, -14.4306, 8.5323
Hunter-Lab	51.2557, -4.0724, 14.4480

Details

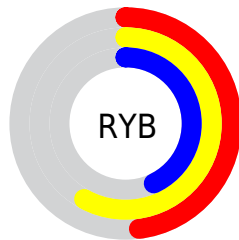
The XYZ color **24.5870, 26.2715, 18.5269** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.4520, 18.6782, 31.0667**, and the grayscale version is **24.6955, 25.9816, 28.2939**.

A 20% lighter version of the original color is **50.2202, 53.4451, 41.8515**, and **9.5627, 10.2568, 6.0332** is the 20% darker color. If you saturate the color by 10%, you get **23.3488, 24.9860, 14.4428**, and if you desaturate by 10%, it is **25.9787, 27.6454, 23.3359**.

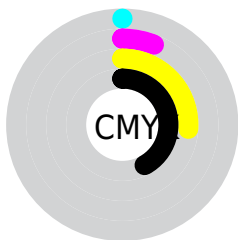
Distribution



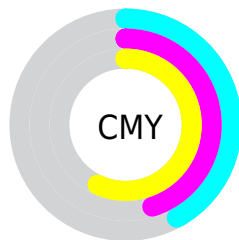
- Red (58%)
- Green (55%)
- Blue (43%)



- Red (48%)
- Yellow (58%)
- Blue (43%)



- Cyan (0%)
- Magenta (6%)
- Yellow (26%)
- Black (42%)



- Cyan (42%)
- Magenta (45%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5870, 26.2715, 18.5269 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 24.5870, 26.2715, 18.5269 by changing the saturation by 10% instead.

■ 24.5870, 26.2715,
18.5269

■ 24.5870, 26.2715,
18.5269

268.1606,
284.1123, 256.1595

■ 15.8967, 17.0269,
11.1556

■ 50.4342, 53.7126,
41.7591

■ 9.5415, 10.2536,
6.0561

■ 68.3217, 72.6779,
58.4571

■ 5.1559, 5.5675,
2.8099

■ 90.0058, 95.6522,
79.1011

■ 2.3747, 2.5839,
0.9984

■ 115.8517,
123.0198, 104.1096

■ 0.8325, 0.9186,
0.0000

146.2247,
155.1653, 133.9011

■ 0.0000, 0.0000,
0.0000

181.4903,

192.4729, 168.8942

222.0139,
235.3271, 209.5075

■ 24.5870, 26.2715,
18.5269

■ 24.5870, 26.2715,
18.5269

■ 23.3488, 24.9860,
14.4428

■ 25.9787, 27.6454,
23.3359

■ 22.2552, 23.7822,
11.0459

■ 27.5283, 29.1068,
28.9015

■ 21.2991, 22.6582,
8.2978

■ 29.2426, 30.6597,
35.2557

■ 20.4724, 21.6103,
6.1554

■ 31.1274, 32.3065,
42.4280

■ 19.7657, 20.6346,
4.5705

■ 33.1881, 34.0497,
50.4466

■ 19.1683, 19.7266,
3.4876

■ 35.4299, 35.8915,
59.3380

■ 18.6645, 18.8797,
2.8241

■ 37.8577, 37.8342,
69.1279

■ 18.4829, 18.5663,
2.6095

■ 40.4764, 39.8797,
79.8407

■ 43.2905, 42.0303,
91.4999

Harmonies

Analogous

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



26.6944, 26.2715, 19.2841



24.5870, 26.2715, 18.5269



22.6903, 26.2715, 20.1449

Triad

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



24.5870, 26.2715, 18.5269



21.8087, 26.2715, 35.8875



28.8456, 26.2715, 33.7102

Complementary

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



24.5870, 26.2715, 18.5269



18.4520, 18.6782, 31.0667

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.



27.3981, 26.2715, 39.1538



24.5870, 26.2715, 18.5269



23.3221, 26.2715, 40.5298

Square

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



24.5870, 26.2715, 18.5269



21.1451, 26.2715, 29.7228



25.3575, 26.2715, 41.8020



29.2310, 26.2715, 27.5160

Rectangle

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



24.5870, 26.2715, 18.5269



21.7754, 26.2715, 22.5081



25.3575, 26.2715, 41.8020



28.4633, 26.2715, 35.7145

Sweetspot

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



24.5877, 26.2727, 18.5275



48.7244, 51.5929, 49.6658



21.3064, 18.8761, 20.0051



10.7101, 11.3516, 10.6885



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.



24.5877, 26.2727, 18.5275



42.7898, 45.7749, 29.0329



24.1430, 28.0755, 18.8989



6.1532, 6.5201, 6.1747



15.5789, 15.6722, 2.2039



0.2129, 0.2362, 0.0344

Inverse Universe

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



18.4520, 18.6782, 31.0667



30.0268, 29.9803, 55.1254



18.8024, 17.3439, 30.7907



5.6016, 5.8372, 7.3012



5.0760, 2.8468, 24.2130



0.0814, 0.0734, 0.3028

Previews

White Background



This preview shows how the XYZ color 24.5870, 26.2715, 18.5269 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 24.5870, 26.2715, 18.5269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

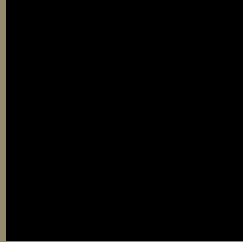
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5870, 26.2715, 18.5269

Background



This preview shows how black text looks on a background with the XYZ color 24.5870, 26.2715, 18.5269.



This preview shows how white text looks on a background with the XYZ color 24.5870, 26.2715,

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

24.5870, 26.2715, 18.5269

Protanopia

24.5870, 26.2715, 18.5269

Deuteranopia

26.8431, 26.3682, 18.7137



Tritanopia

26.9891, 26.1756, 30.8240

Trichromacy



Original Color

24.5870, 26.2715, 18.5269

Protanomaly

24.5870, 26.2715, 18.5269

Deuteranomaly

26.1130, 26.4099, 18.7603

Tritanomaly

26.1282, 26.2602, 25.8819

Monochromacy



Original Color

24.5870, 26.2715, 18.5269

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.4566, 25.8634, 24.1252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5870, 26.2715, 18.5269 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, 140, 110)` looks like.

```
.text, #text, p{  
    color:rgb(149, 140, 110)  
}
```

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, 140, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 140, 110) }
```

Border

The CSS property to change the border of an element to XYZ 24.5870, 26.2715, 18.5269 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, 140, 110) }
```


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

```
.border{ border-color:rgb(149, 140, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 140, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 140, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 140, 110);  
box-shadow:4px 4px 4px 4px rgb(149, 140,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5870, 26.2715, 18.5269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 140, 110) }
```

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

```
.background{ background-color: rgb(149,  
140, 110) }
```

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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