

Converting Colors

XYZ(24.4468, 26.0554, 20.3017)

Have a look what the booklet for
XYZ(24.4468, 26.0554, 20.3017)
contains.

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Color

**XYZ(24.5631, 26.2202,
20.2894)**

Conversions

Conversions Part 1

Format	Color
Hex	938C74
RGB	147, 140, 116
RGB Percent	58%, 55%, 45%
CMY	0.4235, 0.4510, 0.5451
CMYK	0.00, 0.05, 0.21, 0.42
HSL	46°, 13%, 52%
HSV	46°, 21%, 58%
XYZ	24.5631, 26.2202, 20.2894
YIQ	139.3570, 11.8760, -5.9800

Conversions

Conversions Part 2

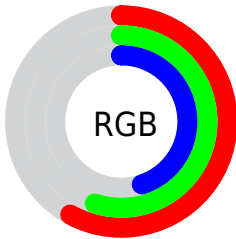
Format	Color
R_YB	125, 147, 116
Decimal	9669748
CIE Lab	58.25, -1.54, 13.77
CIE LCh	58, 13.860, 96.386
Yxy	26.2202, 0.3456, 0.3689
Android (android.graphics.Color)	4287859828 (0xFF938C74)
YUV	139.3570, -11.5150, 6.7029
Hunter-Lab	51.2057, -3.9844, 12.3513

Details

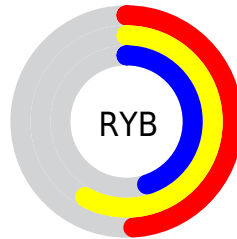
The XYZ color **24.5631, 26.2202, 20.2894** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.5518, 19.9850, 30.4309**, and the grayscale version is **24.7187, 26.0060, 28.3205**.

A 20% lighter version of the original color is **50.2252, 53.3846, 44.7029**, and **9.5234, 10.2165, 6.9389** is the 20% darker color. If you saturate the color by 10%, you get **23.2975, 24.9508, 15.9775**, and if you desaturate by 10%, it is **25.9800, 27.5753, 25.3200**.

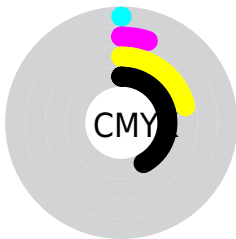
Distribution



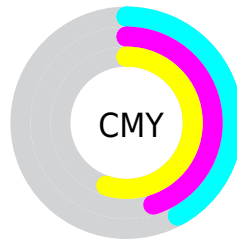
- Red (58%)
- Green (55%)
- Blue (45%)



- Red (49%)
- Yellow (58%)
- Blue (45%)



- Cyan (0%)
- Magenta (5%)
- Yellow (21%)
- Black (42%)



- Cyan (42%)
- Magenta (45%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5631, 26.2202, 20.2894 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 24.5631, 26.2202, 20.2894 by changing the saturation by 10% instead.

■ 24.5631, 26.2202,
20.2894

■ 24.5631, 26.2202,
20.2894

268.0431,
283.8614, 266.1334

■ 15.8788, 16.9884,
12.4194

■ 50.3956, 53.6300,
44.7672

■ 9.5288, 10.2263,
6.9040

■ 68.2745, 72.5768,
62.2121

■ 5.1475, 5.5492,
3.3246

■ 89.9490, 95.5307,
83.6857

■ 2.3697, 2.5730,
1.2627

115.7845,
122.8762, 109.6065

■ 0.8300, 0.9131,
0.0309

146.1463,
154.9976, 140.3932

■ 0.0000, 0.0000,
0.0000

181.3997,

192.2793, 176.4642

221.9102,
235.1058, 218.2381

■ 24.5631, 26.2202,
20.2894

■ 24.5631, 26.2202,
20.2894

■ 23.2975, 24.9508,
15.9775

■ 25.9800, 27.5753,
25.3200

■ 22.1748, 23.7608,
12.3492

■ 27.5522, 29.0153,
31.0989

■ 21.1885, 22.6484,
9.3688

■ 29.2862, 30.5437,
37.6562

■ 20.3312, 21.6104,
6.9969

■ 31.1873, 32.1630,
45.0196

■ 19.5942, 20.6430,
5.1896

■ 33.2607, 33.8753,
53.2155

■ 18.9681, 19.7424,
3.8971

■ 35.5112, 35.6829,
62.2693

■ 18.4416, 18.9037,
3.0610

■ 37.9436, 37.5878,
72.2052

■ 18.0300, 18.1978,
2.5622

■ 40.5624, 39.5920,
83.0462

■ 43.3719, 41.6974,
94.8149

Harmonies

Analogous

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



26.2412, 26.2202, 20.8674



24.5631, 26.2202, 20.2894



23.0496, 26.2202, 21.7156

Triad

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



24.5631, 26.2202, 20.2894



22.4046, 26.2202, 34.4115



28.0077, 26.2202, 32.4276

Complementary

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



24.5631, 26.2202, 20.2894



19.5518, 19.9850, 30.4309

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.



26.8922, 26.2202, 36.6846



24.5631, 26.2202, 20.2894



23.6468, 26.2202, 37.9173

Square

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



24.5631, 26.2202, 20.2894



21.8401, 26.2202, 29.5932



25.2834, 26.2202, 38.7926



28.2800, 26.2202, 27.5303

Rectangle

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



24.5631, 26.2202, 20.2894



22.3210, 26.2202, 23.7171



25.2834, 26.2202, 38.7926



27.7166, 26.2202, 33.9971

Sweetspot

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



24.5638, 26.2214, 20.2900



47.8887, 50.6441, 50.3112



21.8681, 20.1301, 21.5488



10.8951, 11.5272, 11.3497



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.



24.5638, 26.2214, 20.2900



42.9540, 45.9334, 32.7628



24.1893, 27.5946, 20.5748



6.1556, 6.5249, 6.1755



15.6500, 15.8144, 2.2276



0.2134, 0.2373, 0.0346

Inverse Universe

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



19.5518, 19.9850, 30.4309



32.4285, 32.8381, 54.0638



19.8629, 18.9027, 30.2056



5.5994, 5.8328, 7.3005



5.0578, 2.8104, 24.2069



0.0809, 0.0723, 0.3026

Previews

White Background



This preview shows how the XYZ color 24.5631, 26.2202, 20.2894 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 24.5631, 26.2202, 20.2894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

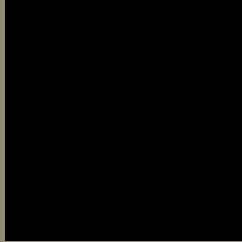
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5631, 26.2202, 20.2894

Background



This preview shows how black text looks on a background with the XYZ color 24.5631, 26.2202, 20.2894.



This preview shows how white text looks on a background with the XYZ color 24.5631, 26.2202,

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

24.5631, 26.2202, 20.2894

Protanopia

24.7432, 26.3130, 20.2978

Deuteranopia

26.7752, 26.2937, 20.4936



Tritanopia

26.7550, 26.2630, 30.8532

Trichromacy



Original Color

24.5631, 26.2202, 20.2894

Protanomaly

24.7432, 26.3130, 20.2978

Deuteranomaly

26.0612, 26.3438, 20.5409

Tritanomaly

25.8965, 26.1246, 26.5993

Monochromacy



Original Color

24.5631, 26.2202, 20.2894

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.4847, 25.8547, 25.1727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5631, 26.2202, 20.2894 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(147, 140, 116)` looks like.

```
.text, #text, p{  
    color:rgb(147, 140, 116)  
}
```

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(147, 140, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 140, 116) }
```

Border

The CSS property to change the border of an element to XYZ 24.5631, 26.2202, 20.2894 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(147, 140, 116) }
```


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

```
.border{ border-color:rgb(147, 140, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 140, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 140, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 140, 116);  
box-shadow:4px 4px 4px 4px rgb(147, 140,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5631, 26.2202, 20.2894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 140, 116) }
```

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

```
.background{ background-color: rgb(147,  
140, 116) }
```

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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