

Converting Colors

XYZ(24.5710, 26.9491, 14.5790)

Have a look what the booklet for
XYZ(24.5710, 26.9491, 14.5790)
contains.

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Color

**XYZ(24.6053, 27.0324,
14.5106)**

Conversions

Conversions Part 1

Format	Color
Hex	978F5E
RGB	151, 143, 94
RGB Percent	59%, 56%, 37%
CMY	0.4078, 0.4392, 0.6314
CMYK	0.00, 0.05, 0.38, 0.41
HSL	52°, 23%, 48%
HSV	52°, 38%, 59%
XYZ	24.6053, 27.0324, 14.5106
YIQ	139.8060, 20.4970, -13.5430

Conversions

Conversions Part 2

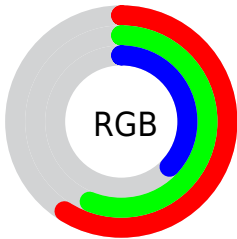
Format	Color
R_{YB}	103, 151, 94
Decimal	9932638
CIE Lab	59.00, -4.63, 27.16
CIE LCh	59, 27.552, 99.675
Yxy	27.0324, 0.3720, 0.4087
Android (android.graphics.Color)	4288122718 (0xFF978F5E)
YUV	139.8060, -22.5824, 9.8171
Hunter-Lab	51.9927, -6.5129, 19.8477

Details

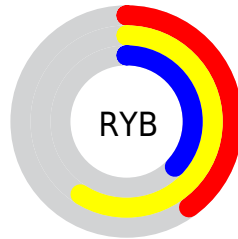
The XYZ color **24.6053, 27.0324, 14.5106** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.9532, 14.1163, 31.2146**, and the grayscale version is **24.9318, 26.2302, 28.5647**.

A 20% lighter version of the original color is **50.5307, 55.0987, 34.7599**, and **9.5730, 10.6866, 4.2475** is the 20% darker color. If you saturate the color by 10%, you get **23.6782, 26.1585, 11.1795**, and if you desaturate by 10%, it is **25.6723, 27.9738, 18.5431**.

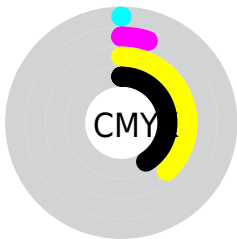
Distribution



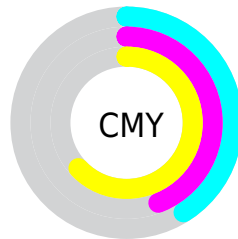
- Red (59%)
- Green (56%)
- Blue (37%)



- Red (40%)
- Yellow (59%)
- Blue (37%)



- Cyan (0%)
- Magenta (5%)
- Yellow (38%)
- Black (41%)



- Cyan (41%)
- Magenta (44%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6053, 27.0324, 14.5106 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 24.6053, 27.0324, 14.5106 by changing the saturation by 10% instead.

■ 24.6053, 27.0324,
14.5106

■ 24.6053, 27.0324,
14.5106

268.2506,
287.8140, 231.9224

■ 15.9104, 17.5976,
8.3339

■ 50.4637, 54.9359,
34.7224

■ 9.5512, 10.6614,
4.2185

■ 68.3579, 74.1733,
49.5945

■ 5.1624, 5.8397,
1.7460

■ 90.0493, 97.4470,
68.2022

■ 2.3786, 2.7478,
0.3919

■ 115.9031,
125.1414, 90.9639

■ 0.8344, 1.0015,
0.0000

146.2848,
157.6409, 118.2982

■ 0.0000, 0.0000,
0.0000

181.5597,

195.3299, 150.6237

222.0932,
238.5928, 188.3590

■ 24.6053, 27.0324,
14.5106

■ 24.6053, 27.0324,
14.5106

■ 23.6782, 26.1585,
11.1795

■ 25.6723, 27.9738,
18.5431

■ 22.8813, 25.3453,
8.5071

■ 26.8844, 28.9819,
23.3127

■ 22.2065, 24.5904,
6.4488

■ 28.2490, 30.0607,
28.8551

■ 21.6442, 23.8900,
4.9539

■ 29.7722, 31.2128,
35.2029

■ 21.1832, 23.2395,
3.9632

■ 31.4599, 32.4405,
42.3869

■ 20.8030, 22.6306,
3.3694

■ 33.3177, 33.7460,
50.4362

■ 20.7209, 22.4962,
3.2501

■ 35.3510, 35.1317,
59.3786

■ 37.5647, 36.5995,
69.2407

■ 39.9637, 38.1514,
80.0478

Harmonies

Analogous

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



28.0434, 27.0324, 15.0820



24.6053, 27.0324, 14.5106



21.7237, 27.0324, 17.1984

Triad

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



24.6053, 27.0324, 14.5106



20.9619, 27.0324, 43.1521



32.3588, 27.0324, 36.4639

Complementary

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



24.6053, 27.0324, 14.5106



14.9532, 14.1163, 31.2146

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.



30.1196, 27.0324, 46.4180



24.6053, 27.0324, 14.5106



23.4786, 27.0324, 50.8346

Square

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



24.6053, 27.0324, 14.5106



19.7467, 27.0324, 32.7098



26.8133, 27.0324, 52.1468



32.7282, 27.0324, 26.3840

Rectangle

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



24.6053, 27.0324, 14.5106



20.4302, 27.0324, 20.9200



26.8133, 27.0324, 52.1468



31.7909, 27.0324, 39.9910

Sweetspot

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



24.6060, 27.0336, 14.5112



49.7104, 53.1498, 48.0685



19.1910, 15.5552, 14.7052



11.2294, 12.0259, 10.6440



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.



24.6060, 27.0336, 14.5112



42.6937, 47.1278, 21.0316



22.4549, 27.7706, 14.7668



6.6350, 7.0751, 6.6218



17.6434, 19.1692, 2.7701



0.2815, 0.3221, 0.0473

Inverse Universe

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



14.9532, 14.1163, 31.2146



22.9502, 20.7154, 55.2225



16.5218, 13.8141, 31.0736



5.9509, 6.1592, 7.8042



4.9965, 2.3897, 25.1056



0.0905, 0.0672, 0.3806

Previews

White Background



This preview shows how the XYZ color 24.6053, 27.0324, 14.5106 looks on a white background.

Color Contrast Check

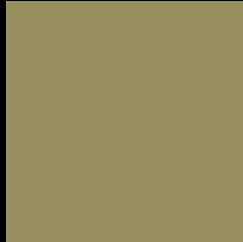
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6053, 27.0324, 14.5106 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 24.6053, 27.0324, 14.5106

Background



This preview shows how black text looks on a background with the XYZ color 24.6053, 27.0324, 14.5106.



This preview shows how white text looks on a background with the XYZ color 24.6053, 27.0324,

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

24.6053, 27.0324, 14.5106

Protanopia

25.0198, 27.0242, 14.4872

Deuteranopia

27.4930, 26.9989, 14.8286



Tritanopia

27.9752, 26.8830, 31.3182

Trichromacy



Original Color

24.6053, 27.0324, 14.5106

Protanomaly

24.8303, 26.9265, 14.4783

Deuteranomaly

26.4024, 27.0780, 14.6615

Tritanomaly

26.6465, 26.9923, 24.2277

Monochromacy



Original Color

24.6053, 27.0324, 14.5106

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.6016, 26.4091, 22.5397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6053, 27.0324, 14.5106 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(151, 143, 94)` looks like.

```
.text, #text, p{  
    color:rgb(151, 143, 94)  
}
```

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(151, 143, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 143, 94) }
```

Border

The CSS property to change the border of an element to XYZ 24.6053, 27.0324, 14.5106 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(151, 143, 94) }
```


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

```
.border{ border-color:rgb(151, 143, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 143, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 143, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 143, 94);  
box-shadow:4px 4px 4px 4px rgb(151, 143,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6053, 27.0324, 14.5106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 143, 94) }
```

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

```
.background{ background-color: rgb(151,  
143, 94) }
```

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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