

Converting Colors

XYZ(24.0845, 27.2335, 10.9102)

Have a look what the booklet for
XYZ(24.0845, 27.2335, 10.9102)
contains.

XYZ(24.1924, 27.3519, 10.8418)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.1924, 27.3519,
10.8418)**

Conversions

Conversions Part 1

Format	Color
Hex	97914C
RGB	151, 145, 76
RGB Percent	59%, 57%, 30%
CMY	0.4078, 0.4314, 0.7020
CMYK	0.00, 0.04, 0.50, 0.41
HSL	55°, 33%, 45%
HSV	55°, 50%, 59%
XYZ	24.1924, 27.3519, 10.8418
YIQ	138.9280, 25.7250, -20.1870

Conversions

Conversions Part 2

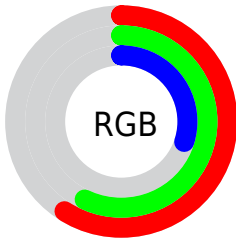
Format	Color
R_{YB}	83, 151, 76
Decimal	9933132
CIE Lab	59.30, -7.69, 37.13
CIE LCh	59, 37.914, 101.704
Yxy	27.3519, 0.3878, 0.4384
Android (android.graphics.Color)	4288123212 (0xFF97914C)
YUV	138.9280, -31.0235, 10.5871
Hunter-Lab	52.2990, -8.9531, 24.3183

Details

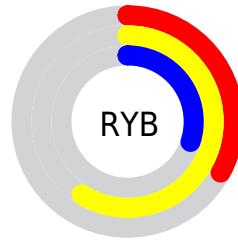
The XYZ color **24.1924, 27.3519, 10.8418** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.5836, 9.8051, 30.5602**, and the grayscale version is **24.6222, 25.9044, 28.2099**.

A 20% lighter version of the original color is **49.9863, 55.6446, 28.1846**, and **9.3388, 10.8649, 2.7035** is the 20% darker color. If you saturate the color by 10%, you get **23.5447, 26.8002, 8.3330**, and if you desaturate by 10%, it is **24.9667, 27.9593, 14.0014**.

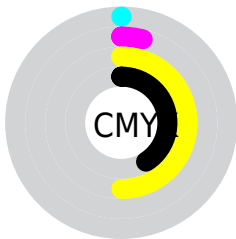
Distribution



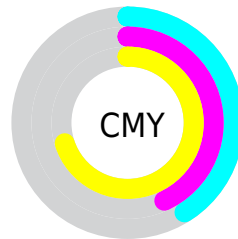
- Red (59%)
- Green (57%)
- Blue (30%)



- Red (33%)
- Yellow (59%)
- Blue (30%)



- Cyan (0%)
- Magenta (4%)
- Yellow (50%)
- Black (41%)



- Cyan (41%)
- Magenta (43%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1924, 27.3519, 10.8418 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 24.1924, 27.3519, 10.8418 by changing the saturation by 10% instead.

■ 24.1924, 27.3519,
10.8418

■ 24.1924, 27.3519,
10.8418

266.2142,
289.3569, 207.2773

■ 15.6019, 17.8377,
5.8477

■ 49.7964, 55.4480,
27.9994

■ 9.3320, 10.8335,
2.6854

■ 67.5406, 74.7988,
41.0000

■ 5.0172, 5.9550,
0.9361

■ 89.0667, 98.1971,
57.5066

■ 2.2922, 2.8177,
0.0000

■ 114.7402,
126.0274, 77.9376

■ 0.7907, 1.0373,
0.0000

■ 144.9263,
158.6742, 102.7117

■ 0.0000, 0.0000,
0.0000

179.9905,

196.5218, 132.2473

220.2980,
239.9546, 166.9630

■ 24.1924, 27.3519,
10.8418

■ 24.1924, 27.3519,
10.8418

■ 23.5447, 26.8002,
8.3330

■ 24.9667, 27.9593,
14.0014

■ 23.0127, 26.2969,
6.4272

■ 25.8734, 28.6219,
17.8516

■ 22.5873, 25.8394,
5.0728

■ 26.9205, 29.3438,
22.4314

■ 22.2568, 25.4230,
4.2088

■ 28.1147, 30.1277,
27.7759

■ 21.9932, 25.0364,
3.6878

■ 29.4623, 30.9761,
33.9184

■ 21.9847, 25.0237,
3.6713

■ 30.9691, 31.8914,
40.8898

■ 32.6409, 32.8759,
48.7198

■ 34.4829, 33.9316,
57.4362

■ 36.5002, 35.0607,
67.0659

Harmonies

Analogous

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



28.9633, 27.3519, 11.2425



24.1924, 27.3519, 10.8418



20.3948, 27.3519, 14.2401

Triad

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



24.1924, 27.3519, 10.8418



19.7712, 27.3519, 50.7315



35.6421, 27.3519, 38.7463

Complementary

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



24.1924, 27.3519, 10.8418



11.5836, 9.8051, 30.5602

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.



32.5416, 27.3519, 53.8177



24.1924, 27.3519, 10.8418



23.2407, 27.3519, 62.0588

Square

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



24.1924, 27.3519, 10.8418



18.0575, 27.3519, 35.3945



27.8895, 27.3519, 63.3341



35.9778, 27.3519, 24.7958

Rectangle

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



24.1924, 27.3519, 10.8418



18.7719, 27.3519, 19.0465



27.8895, 27.3519, 63.3341



34.8726, 27.3519, 43.9410

Sweetspot

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



24.1931, 27.3532, 10.8424



49.1124, 53.1505, 44.1801



16.8796, 12.3614, 9.5293



11.0702, 12.0193, 9.6295



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.



24.1931, 27.3532, 10.8424



42.0065, 47.8522, 14.3321



20.0823, 26.6303, 10.9195



6.6667, 7.1384, 6.6323



18.7126, 21.3076, 3.1265



0.2905, 0.3401, 0.0503

Inverse Universe

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



11.5836, 9.8051, 30.5602



16.6763, 12.6167, 53.9900



14.2641, 10.5449, 30.5617



5.9222, 6.1018, 7.7946



4.8742, 2.1451, 25.0648



0.0821, 0.0505, 0.3778

Previews

White Background



This preview shows how the XYZ color 24.1924, 27.3519, 10.8418 looks on a white background.

Color Contrast Check

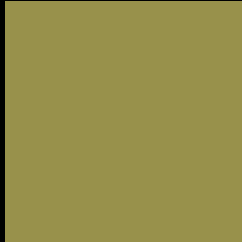
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1924, 27.3519, 10.8418 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 24.1924, 27.3519, 10.8418

Background



This preview shows how black text looks on a background with the XYZ color 24.1924, 27.3519, 10.8418.



This preview shows how white text looks on a background with the XYZ color 24.1924, 27.3519,

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

24.1924, 27.3519, 10.8418

Protanopia

24.9971, 27.3210, 10.6126

Deuteranopia

27.8585, 27.2723, 11.0035



Tritanopia

28.3915, 27.2985, 31.7897

Trichromacy



Original Color

24.1924, 27.3519, 10.8418

Protanomaly

24.7608, 27.4231, 10.6448

Deuteranomaly

26.2981, 27.1081, 10.8675

Tritanomaly

26.4085, 27.1299, 22.2571

Monochromacy



Original Color

24.1924, 27.3519, 10.8418

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.0050, 26.1503, 20.3053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1924, 27.3519, 10.8418 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, 145, 76)` looks like.

```
.text, #text, p{  
    color:rgb(151, 145, 76)  
}
```

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, 145, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 145, 76) }
```

Border

The CSS property to change the border of an element to XYZ 24.1924, 27.3519, 10.8418 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, 145, 76) }
```


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

```
.border{ border-color:rgb(151, 145, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 145, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 145, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 145, 76);  
box-shadow:4px 4px 4px 4px rgb(151, 145,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1924, 27.3519, 10.8418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 145, 76) }
```

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

```
.background{ background-color: rgb(151,  
145, 76) }
```

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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