

Converting Colors

XYZ(17.9257, 24.5305, 19.4563)

Have a look what the booklet for
XYZ(17.9257, 24.5305, 19.4563)
contains.

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Color

**XYZ(17.9842, 24.6474,
19.4323)**

Conversions

Conversions Part 1

Format	Color
Hex	5C9471
RGB	92, 148, 113
RGB Percent	36%, 58%, 44%
CMY	0.6392, 0.4196, 0.5569
CMYK	0.38, 0.00, 0.24, 0.42
HSL	142°, 23%, 47%
HSV	142°, 38%, 58%
XYZ	17.9842, 24.6474, 19.4323
YIQ	127.2660, -22.1410, -22.7570

Conversions

Conversions Part 2

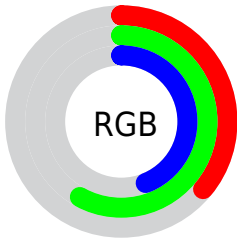
Format	Color
R_{YB}	92, 133, 148
Decimal	6067313
CIE _{Lab}	56.73, -26.44, 12.79
CIE _{LCh}	57, 29.377, 154.183
Yxy	24.6474, 0.2898, 0.3971
Android (android.graphics.Color)	4284257393 (0xFF5C9471)
YUV	127.2660, -7.0331, -30.9283
Hunter-Lab	49.6461, -22.2196, 11.5452

Details

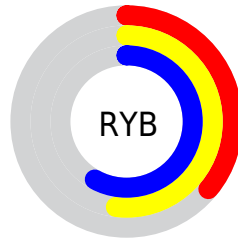
The XYZ color **17.9842, 24.6474, 19.4323** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.8715, 15.4831, 22.0210**, and the grayscale version is **20.2937, 21.3506, 23.2508**.

A 20% lighter version of the original color is **39.4137, 50.8870, 43.3422**, and **6.1837, 9.4233, 6.4940** is the 20% darker color. If you saturate the color by 10%, you get **16.1532, 23.7613, 16.7655**, and if you desaturate by 10%, it is **20.1584, 25.7057, 22.3934**.

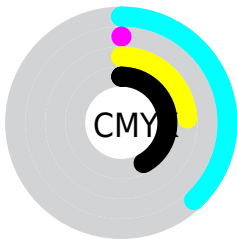
Distribution



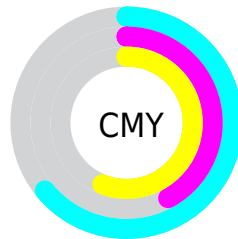
- Red (36%)
- Green (58%)
- Blue (44%)



- Red (36%)
- Yellow (52%)
- Blue (58%)



- Cyan (38%)
- Magenta (0%)
- Yellow (24%)
- Black (42%)



- Cyan (64%)
- Magenta (42%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9842, 24.6474, 19.4323 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 17.9842, 24.6474, 19.4323 by changing the saturation by 10% instead.

■ 17.9842, 24.6474,
19.4323

■ 17.9842, 24.6474,
19.4323

233.8293,
276.0774, 261.3268

■ 11.0383, 15.8146,
11.8031

■ 39.5407, 51.0846,
43.3097

■ 6.1601, 9.3930,
6.4888

■ 54.8820, 69.4578,
60.3950

■ 2.9842, 4.9984,
3.0710

■ 73.7524, 91.7798,
81.4694

■ 1.1454, 2.2463,
1.1310

■ 96.5173, 118.4352,
106.9514

■ 0.0626, 0.7451,
0.0000

123.5421,
149.8082, 137.2596

■ 0.0000, 0.0000,
0.0000

155.1921,

186.2833, 172.8126

191.8327,
228.2449, 214.0288

■ 17.9842, 24.6474,
19.4323

■ 17.9842, 24.6474,
19.4323

■ 16.1532, 23.7613,
16.7655

■ 20.1584, 25.7057,
22.3934

■ 14.6451, 23.0351,
14.3821

■ 22.6910, 26.9417,
25.6559

■ 13.4402, 22.4593,
12.2732


■ 25.5985, 28.3645,
29.2285


■ 12.5157, 22.0226,
10.4285


■ 28.8958, 29.9816,
33.1194


■ 11.8454, 21.7116,
8.8373


■ 32.5969, 31.8001,
37.3362


 11.3815, 21.5018,
7.4868

 36.7152, 33.8267,
41.8864

 11.2920, 21.4614,
7.2248

 41.2635, 36.0679,
46.7771

 46.2540, 38.5298,
52.0154

 51.6983, 41.2183,
57.6079

Harmonies

Analogous

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



19.9179, 24.6474, 14.0624



17.9842, 24.6474, 19.4323



17.4531, 24.6474, 28.2362

Triad

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



17.9842, 24.6474, 19.4323



23.9103, 24.6474, 50.3852



29.3079, 24.6474, 17.5735

Complementary

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



17.9842, 24.6474, 19.4323



19.8715, 15.4831, 22.0210

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.



30.6278, 24.6474, 25.4845



17.9842, 24.6474, 19.4323



27.3250, 24.6474, 45.6589

Square

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



17.9842, 24.6474, 19.4323



20.6740, 24.6474, 47.6477



29.8692, 24.6474, 35.9174



26.4134, 24.6474, 13.1871

Rectangle

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



17.9842, 24.6474, 19.4323



17.9177, 24.6474, 35.3285



29.8692, 24.6474, 35.9174



29.9627, 24.6474, 19.8281

Sweetspot

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



17.9849, 24.6484, 19.4329



43.3550, 49.1589, 49.3764



21.3446, 26.5016, 14.1159



9.7531, 11.1515, 11.0955



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.



17.9849, 24.6484, 19.4329



29.0815, 42.2047, 30.4537



19.7774, 25.3654, 28.8724



5.8142, 6.5023, 6.6324



9.6571, 18.3356, 6.2361



0.1317, 0.2298, 0.1473

Inverse Universe

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



19.8715, 15.4831, 22.0210



32.8756, 23.7526, 35.6428



18.3152, 14.8606, 13.8252



5.9440, 5.8727, 6.8113



12.1140, 6.0506, 9.3472



0.1626, 0.0798, 0.1899

Previews

White Background



This preview shows how the XYZ color 17.9842, 24.6474, 19.4323 looks on a white background.

Color Contrast Check

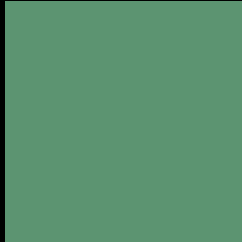
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9842, 24.6474, 19.4323 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 17.9842, 24.6474, 19.4323

Background



This preview shows how black text looks on a background with the XYZ color 17.9842, 24.6474, 19.4323.



This preview shows how white text looks on a background with the XYZ color 17.9842, 24.6474,

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

17.9842, 24.6474, 19.4323

Protanopia

22.8194, 24.3188, 17.4012

Deuteranopia

24.7111, 24.2182, 20.2018



Tritanopia

21.0220, 24.7447, 34.2401

Trichromacy



Original Color

17.9842, 24.6474, 19.4323

Protanomaly

20.5958, 24.2203, 18.0575

Deuteranomaly

21.6138, 24.0578, 20.0275

Tritanomaly

19.8226, 24.7115, 28.1511

Monochromacy



Original Color

17.9842, 24.6474, 19.4323

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.1163, 22.3105, 21.7112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9842, 24.6474, 19.4323 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(92, 148, 113)` looks like.

```
.text, #text, p{  
    color:rgb(92, 148, 113)  
}
```

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(92, 148, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 148, 113) }
```

Border

The CSS property to change the border of an element to XYZ 17.9842, 24.6474, 19.4323 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(92, 148, 113) }
```


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

```
.border{ border-color:rgb(92, 148, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 148, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 148, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 148, 113);  
box-shadow:4px 4px 4px 4px rgb(92, 148,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9842, 24.6474, 19.4323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 148, 113) }
```

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

```
.background{ background-color: rgb(92, 148,  
113) }
```

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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