

Converting Colors

XYZ(19.5636, 24.3969, 18.9208)

Have a look what the booklet for
XYZ(19.5636, 24.3969, 18.9208)
contains.

XYZ(19.5571, 24.3255, 18.9938)	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(19.5571, 24.3255,
18.9938)**

Conversions

Conversions Part 1

Format	Color
Hex	718F70
RGB	113, 143, 112
RGB Percent	44%, 56%, 44%
CMY	0.5569, 0.4392, 0.5608
CMYK	0.21, 0.00, 0.22, 0.44
HSL	118°, 12%, 50%
HSV	118°, 22%, 56%
XYZ	19.5571, 24.3255, 18.9938
YIQ	130.4960, -7.9290, -16.0010

Conversions

Conversions Part 2

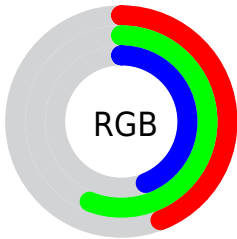
Format	Color
R_{YB}	112, 143, 142
Decimal	7442288
CIE _{Lab}	56.41, -16.94, 13.10
CIE _{LCh}	56, 21.412, 142.284
Yxy	24.3255, 0.3110, 0.3869
Android (android.graphics.Color)	4285632368 (0xFF718F70)
YUV	130.4960, -9.1185, -15.3440
Hunter-Lab	49.3209, -15.5314, 11.6917

Details

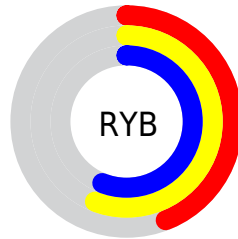
The XYZ color **19.5571, 24.3255, 18.9938** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.9086, 19.3231, 28.5630**, and the grayscale version is **21.4278, 22.5437, 24.5501**.

A 20% lighter version of the original color is **42.1841, 50.6122, 42.6677**, and **6.9541, 9.2889, 6.2769** is the 20% darker color. If you saturate the color by 10%, you get **17.1766, 23.1838, 15.0510**, and if you desaturate by 10%, it is **22.3369, 25.6598, 23.6165**.

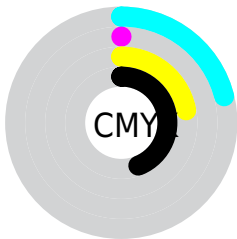
Distribution



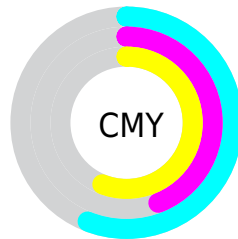
- Red (44%)
- Green (56%)
- Blue (44%)



- Red (44%)
- Yellow (56%)
- Blue (56%)



- Cyan (21%)
- Magenta (0%)
- Yellow (22%)
- Black (44%)



- Cyan (56%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5571, 24.3255, 18.9938 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 19.5571, 24.3255, 18.9938 by changing the saturation by 10% instead.

■ 19.5571, 24.3255,
18.9938

■ 19.5571, 24.3255,
18.9938

242.3868,
274.4620, 258.8361

■ 12.1799, 15.5753,
11.4890

■ 42.1830, 50.5608,
42.5602

■ 6.9394, 9.2241,
6.2785

■ 58.1624, 68.8147,
59.4589

■ 3.4702, 4.8876,
2.9436

■ 77.7399, 91.0053,
80.3260

■ 1.4070, 2.1815,
1.0659

■ 101.2809,
117.5169, 105.5800

■ 0.2612, 0.7099,
0.0000

129.1508,
148.7340, 135.6395

■ 0.0000, 0.0000,
0.0000

161.7148,

185.0410, 170.9229

199.3383,
226.8222, 211.8490

■ 19.5571, 24.3255,
18.9938

■ 19.5571, 24.3255,
18.9938

■ 17.1766, 23.1838,
15.0510

■ 22.3369, 25.6598,
23.6165

■ 15.1753, 22.2230,
11.7546

■ 25.5312, 27.1919,
28.9473

■ 13.5342, 21.4347,
9.0706

■ 29.1566, 28.9303,
35.0148

■ 12.2319, 20.8087,
6.9611

■ 33.2284, 30.8824,
41.8456

■ 11.2447, 20.3337,
5.3845

■ 37.7610, 33.0551,
49.4648

■ 10.5460, 19.9969,
4.2930

■ 42.7682, 35.4549,
57.8966

■ 10.1045, 19.7835,
3.6306

■ 48.2632, 38.0883,
67.1640

■ 9.8806, 19.6757,
3.2770

■ 54.2589, 40.9613,
77.2891

■ 60.7673, 44.0797,
88.2932

Harmonies

Analogous

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



21.3628, 24.3255, 15.7718



19.5571, 24.3255, 18.9938



18.7187, 24.3255, 24.6985

Triad

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



19.5571, 24.3255, 18.9938



22.4877, 24.3255, 42.4156



27.8090, 24.3255, 21.6475

Complementary

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



19.5571, 24.3255, 18.9938



21.9086, 19.3231, 28.5630

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.



28.1638, 24.3255, 28.3584



19.5571, 24.3255, 18.9938



24.9724, 24.3255, 41.2031

Square

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



19.5571, 24.3255, 18.9938



20.3302, 24.3255, 38.7952



27.0928, 24.3255, 35.7282



26.1554, 24.3255, 17.1025

Rectangle

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



19.5571, 24.3255, 18.9938



18.7759, 24.3255, 29.4929



27.0928, 24.3255, 35.7282



28.0887, 24.3255, 23.6914

Sweetspot

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



19.5577, 24.3265, 18.9943



42.4980, 47.1487, 46.4565



23.9215, 26.3469, 19.1543



9.6808, 10.7811, 10.5452



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.5577, 24.3265, 18.9943



32.8593, 42.5245, 30.4265



20.3015, 24.6093, 23.5778



5.3580, 6.0371, 5.7723



8.7394, 17.3979, 2.8975



0.0861, 0.1677, 0.0278

Inverse Universe

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



21.9086, 19.3231, 28.5630



37.8407, 31.9206, 50.7049



21.0543, 19.0013, 23.1654



5.6093, 5.5023, 6.7952



13.7123, 6.5625, 23.5211



0.1346, 0.0645, 0.2250

Previews

White Background



This preview shows how the XYZ color 19.5571, 24.3255, 18.9938 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 19.5571, 24.3255, 18.9938 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 19.5571, 24.3255, 18.9938

Background



This preview shows how black text looks on a background with the XYZ color 19.5571, 24.3255, 18.9938.



This preview shows how white text looks on a background with the XYZ color 19.5571, 24.3255,

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

19.5571, 24.3255, 18.9938

Protanopia

22.6984, 24.2503, 17.6718

Deuteranopia

24.5947, 24.1716, 19.5890



Tritanopia

22.1210, 24.2688, 31.9522

Trichromacy



Original Color

19.5571, 24.3255, 18.9938

Protanomaly

21.3645, 24.1866, 18.0105

Deuteranomaly

22.5165, 24.1183, 19.3881

Tritanomaly

21.1581, 24.3156, 26.8708

Monochromacy



Original Color

19.5571, 24.3255, 18.9938

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.5513, 23.0431, 22.1035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5571, 24.3255, 18.9938 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(113, 143, 112)` looks like.

```
.text, #text, p{  
    color:rgb(113, 143, 112)  
}
```

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(113, 143, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 143, 112) }
```

Border

The CSS property to change the border of an element to XYZ 19.5571, 24.3255, 18.9938 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(113, 143, 112) }
```


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

```
.border{ border-color:rgb(113, 143, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 143, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 143, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 143, 112);  
box-shadow:4px 4px 4px 4px rgb(113, 143,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5571, 24.3255, 18.9938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 143, 112) }
```

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

```
.background{ background-color: rgb(113,  
143, 112) }
```

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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