

Converting Colors

XYZ(19.3328, 23.4489, 13.6324)

Have a look what the booklet for
XYZ(19.3328, 23.4489, 13.6324)
contains.

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Color

**XYZ(19.3328, 23.4489,
13.6324)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8B5C
RGB	123, 139, 92
RGB Percent	48%, 55%, 36%
CMY	0.5176, 0.4549, 0.6392
CMYK	0.12, 0.00, 0.34, 0.45
HSL	80°, 20%, 45%
HSV	80°, 34%, 55%
XYZ	19.3328, 23.4489, 13.6324
YIQ	128.8580, 5.5510, -18.0090

Conversions

Conversions Part 2

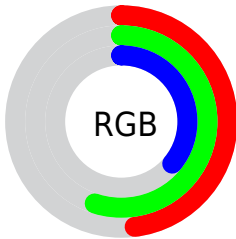
Format	Color
RYB	92, 139, 108
Decimal	8096604
CIELab	55.53, -14.28, 23.28
CIElCh	56, 27.306, 121.521
Yxy	23.4489, 0.3427, 0.4157
Android (android.graphics.Color)	4286286684 (0xFF7B8B5C)
YUV	128.8580, -18.1710, -5.1375
Hunter-Lab	48.4241, -13.4779, 17.2055

Details

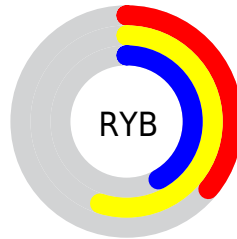
The XYZ color **19.3328, 23.4489, 13.6324** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.6726, 12.7072, 26.1068**, and the grayscale version is **20.8773, 21.9645, 23.9194**.

A 20% lighter version of the original color is **41.9324, 49.3532, 33.3026**, and **6.7937, 8.7507, 3.8136** is the 20% darker color. If you saturate the color by 10%, you get **18.1195, 22.8880, 10.6896**, and if you desaturate by 10%, it is **20.6915, 24.0733, 17.1650**.

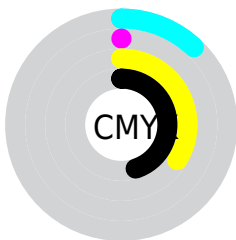
Distribution



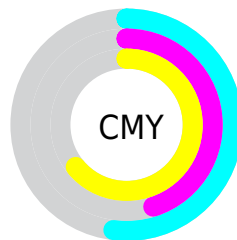
- Red (48%)
- Green (55%)
- Blue (36%)



- Red (36%)
- Yellow (55%)
- Blue (42%)



- Cyan (12%)
- Magenta (0%)
- Yellow (34%)
- Black (45%)



- Cyan (52%)
- Magenta (45%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3328, 23.4489, 13.6324 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 19.3328, 23.4489, 13.6324 by changing the saturation by 10% instead.

■ 19.3328, 23.4489,
13.6324

■ 19.3328, 23.4489,
13.6324

241.1829,
270.0223, 226.2802

■ 12.0164, 14.9253,
7.7296

■ 41.8082, 49.1294,
33.1430

■ 6.8271, 8.7670,
3.8371

■ 57.6980, 67.0551,
47.5880

■ 3.3996, 4.5895,
1.5364

■ 77.1763, 88.8836,
65.7173

■ 1.3684, 2.0085,
0.2448

■ 100.6085,
114.9993, 87.9497

■ 0.2336, 0.6124,
0.0000

128.3598,
145.7867, 114.7037

■ 0.0000, 0.0000,
0.0000

160.7958,

181.6300, 146.3977

198.2817,
222.9138, 183.4504

■ 19.3328, 23.4489,
13.6324

■ 19.3328, 23.4489,
13.6324

■ 18.1195, 22.8880,
10.6896

■ 20.6915, 24.0733,
17.1650

■ 17.0434, 22.3850,
8.3030

■ 22.2000, 24.7607,
21.3157

■ 16.0977, 21.9378,
6.4377

■ 23.8646, 25.5143,
26.1126

■ 15.2747, 21.5433,
5.0545

■ 25.6906, 26.3365,
31.5819

■ 14.5653, 21.1978,
4.1085

■ 27.6831, 27.2292,
37.7481

■ 13.9585, 20.8968,
3.5447

■ 29.8469, 28.1946,
44.6346

■ 13.6145, 20.7249,
3.2827

■ 32.1868, 29.2344,
52.2637

■ 34.7071, 30.3505,
60.6566

■ 37.4122, 31.5447,
69.8339

Harmonies

Analogous

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



22.1306, 23.4489, 12.0546



19.3328, 23.4489, 13.6324



17.4772, 23.4489, 18.2692

Triad

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



19.3328, 23.4489, 13.6324



19.5815, 23.4489, 43.5274



28.7463, 23.4489, 25.0843

Complementary

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



19.3328, 23.4489, 13.6324



14.6726, 12.7072, 26.1068

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.



27.9080, 23.4489, 34.5020



19.3328, 23.4489, 13.6324



22.4450, 23.4489, 46.5132

Square

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



19.3328, 23.4489, 13.6324



17.6113, 23.4489, 35.4639



25.5288, 23.4489, 42.8881



27.7258, 23.4489, 17.6524

Rectangle

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



19.3328, 23.4489, 13.6324



16.9288, 23.4489, 23.1122



25.5288, 23.4489, 42.8881



28.6722, 23.4489, 28.1148

Sweetspot

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



19.3334, 23.4499, 13.6329



40.7935, 44.8112, 41.1239



17.9076, 16.9174, 12.4471



9.3161, 10.2876, 9.2369



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.3334, 23.4499, 13.6329



32.8455, 41.1715, 20.0759



16.4023, 21.9389, 13.4957



5.2684, 5.7611, 5.3867



12.3058, 18.7139, 2.9636



0.0975, 0.1324, 0.0204

Inverse Universe

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



14.6726, 12.7072, 26.1068



23.1148, 18.7291, 46.1398



17.8741, 14.3576, 26.2566



4.9248, 4.9696, 6.3055



5.2947, 2.2436, 22.1997



0.0497, 0.0224, 0.1482

Previews

White Background



This preview shows how the XYZ color 19.3328, 23.4489, 13.6324 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 19.3328, 23.4489, 13.6324 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 19.3328, 23.4489, 13.6324

Background



This preview shows how black text looks on a background with the XYZ color 19.3328, 23.4489, 13.6324.



This preview shows how white text looks on a background with the XYZ color 19.3328, 23.4489,

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

19.3328, 23.4489, 13.6324

Protanopia

21.6923, 23.4256, 12.8295

Deuteranopia

23.7555, 23.2741, 14.0668



Tritanopia

22.5514, 23.5041, 29.3348

Trichromacy



Original Color

19.3328, 23.4489, 13.6324

Protanomaly

20.6628, 23.3004, 13.0812

Deuteranomaly

21.8137, 23.0605, 13.8911

Tritanomaly

21.0545, 23.2952, 22.4555

Monochromacy



Original Color

19.3328, 23.4489, 13.6324

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.2923, 22.5480, 19.8057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3328, 23.4489, 13.6324 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(123, 139, 92)` looks like.

```
.text, #text, p{  
    color:rgb(123, 139, 92)  
}
```

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(123, 139, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 139, 92) }
```

Border

The CSS property to change the border of an element to XYZ 19.3328, 23.4489, 13.6324 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(123, 139, 92) }
```


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

```
.border{ border-color:rgb(123, 139, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 139, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 139, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 139, 92);  
box-shadow:4px 4px 4px 4px rgb(123, 139,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3328, 23.4489, 13.6324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 139, 92) }
```

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

```
.background{ background-color: rgb(123,  
139, 92) }
```

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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