

Converting Colors

XYZ(23.4894, 32.8149, 21.3025)

Have a look what the booklet for
XYZ(23.4894, 32.8149, 21.3025)
contains.

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Color

**XYZ(23.4668, 32.8019,
21.3142)**

Conversions

Conversions Part 1

Format	Color
Hex	6CA973
RGB	108, 169, 115
RGB Percent	42%, 66%, 45%
CMY	0.5765, 0.3372, 0.5490
CMYK	0.36, 0.00, 0.32, 0.34
HSL	127°, 26%, 54%
HSV	127°, 36%, 66%
XYZ	23.4668, 32.8019, 21.3142
YIQ	144.6050, -19.0220, -29.7260

Conversions

Conversions Part 2

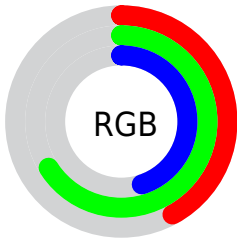
Format	Color
RYB	108, 163, 169
Decimal	7121267
CIELab	64.00, -31.16, 21.80
CIELCh	64, 38.029, 145.015
Yxy	32.8019, 0.3025, 0.4228
Android (android.graphics.Color)	4285311347 (0xFF6CA973)
YUV	144.6050, -14.5953, -32.1026
Hunter-Lab	57.2729, -27.0897, 18.0262

Details

The XYZ color **23.4668, 32.8019, 21.3142** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.2474, 21.7694, 36.8967**, and the grayscale version is **26.8169, 28.2135, 30.7245**.

A 20% lighter version of the original color is **48.8006, 64.3218, 46.4025**, and **8.9161, 13.7540, 7.3391** is the 20% darker color. If you saturate the color by 10%, you get **20.8151, 31.5274, 17.0553**, and if you desaturate by 10%, it is **26.6584, 34.3405, 26.3292**.

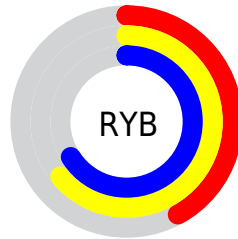
Distribution



Red (42%)

Green (66%)

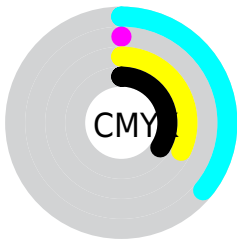
Blue (45%)



Red (42%)

Yellow (64%)

Blue (66%)

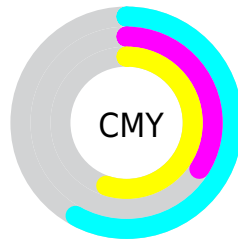


Cyan (36%)

Magenta (0%)

Yellow (32%)

Black (34%)



Cyan (58%)

Magenta (34%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4668, 32.8019, 21.3142 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 23.4668, 32.8019, 21.3142 by changing the saturation by 10% instead.

■ 23.4668, 32.8019,
21.3142

■ 23.4668, 32.8019,
21.3142

262.6044,
314.7561, 271.7793

■ 15.0612, 21.9747,
13.1604

■ 48.6197, 64.0661,
46.4974

■ 8.9489, 13.8383,
7.4071

■ 66.0977, 85.2720,
64.3639

■ 4.7647, 8.0083,
3.6357

■ 87.3305, 110.7062,
86.3051

■ 2.1432, 4.1003,
1.4277

■ 112.6835,
140.7531, 112.7394

■ 0.7125, 1.7298,
0.1632

142.5220,
175.7972, 144.0854

■ 0.0000, 0.4428,
0.0000

177.2115,

■ 0.0000, 0.0000,

216.2228, 180.7617

0.0000

217.1171,
262.4143, 223.1868

■ 23.4668, 32.8019,
21.3142

■ 23.4668, 32.8019,
21.3142

■ 20.8151, 31.5274,
17.0553

■ 26.6584, 34.3405,
26.3292

■ 18.6710, 30.4982,
13.5137

■ 30.4148, 36.1524,
32.1321

■ 17.0024, 29.6996,
10.6506


■ 34.7626, 38.2517,
38.7557


■ 15.7727, 29.1138,
8.4226


■ 39.7259, 40.6501,
46.2300


■ 14.9399, 28.7199,
6.7812


■ 45.3273, 43.3586,
54.5839


 14.4493, 28.4910,
5.6709

 51.5885, 46.3879,
63.8446

 14.3096, 28.4256,
5.3665

 58.5300, 49.7479,
74.0383

 66.1714, 53.4483,
85.1901

 72.6289, 56.5174,
97.2350

Harmonies

Analogous

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



27.0158, 32.8019, 15.0768



23.4668, 32.8019, 21.3142



21.9889, 32.8019, 33.2095

Triad

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



23.4668, 32.8019, 21.3142



30.2894, 32.8019, 73.9684



41.4899, 32.8019, 24.6239

Complementary

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



23.4668, 32.8019, 21.3142



28.2474, 21.7694, 36.8967

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.



42.6235, 32.8019, 38.3449



23.4668, 32.8019, 21.3142



35.7454, 32.8019, 69.7314

Square

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



23.4668, 32.8019, 21.3142



25.6291, 32.8019, 65.7976



40.4148, 32.8019, 55.4724



37.4733, 32.8019, 16.5681

Rectangle

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



23.4668, 32.8019, 21.3142



22.2380, 32.8019, 43.9284



40.4148, 32.8019, 55.4724



42.2389, 32.8019, 28.5962

Sweetspot

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



23.4676, 32.8033, 21.3149



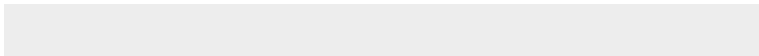
58.1481, 66.5201, 63.1680



31.9799, 37.2363, 19.6893



12.4579, 14.3943, 13.4387



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



23.4676, 32.8033, 21.3149



38.2988, 56.9523, 32.2011



25.4533, 33.5975, 31.7710



7.4705, 8.4212, 8.1976



10.6752, 21.1888, 4.0564



0.2701, 0.5197, 0.1533

Inverse Universe

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



28.2474, 21.7694, 36.8967



48.0816, 34.3518, 64.0796



25.9180, 20.8376, 24.6303



7.8043, 7.6516, 9.2865



16.2864, 7.9233, 22.1175



0.4064, 0.1968, 0.5914

Previews

White Background



This preview shows how the XYZ color 23.4668, 32.8019, 21.3142 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 23.4668, 32.8019, 21.3142 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.4668, 32.8019, 21.3142

Background



This preview shows how black text looks on a background with the XYZ color 23.4668, 32.8019, 21.3142.



This preview shows how white text looks on a background with the XYZ color 23.4668, 32.8019,

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

23.4668, 32.8019, 21.3142

Protanopia

30.2523, 32.4308, 19.1333

Deuteranopia

33.0361, 32.3596, 22.2741



Tritanopia

28.3060, 32.8897, 44.9009

Trichromacy



Original Color

23.4668, 32.8019, 21.3142

Protanomaly

27.1214, 32.0550, 19.7967

Deuteranomaly

28.4849, 31.9550, 21.8062

Tritanomaly

26.4074, 32.9232, 35.1000

Monochromacy



Original Color

23.4668, 32.8019, 21.3142

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.3744, 29.7380, 26.9569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4668, 32.8019, 21.3142 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(108, 169, 115)` looks like.

```
.text, #text, p{  
    color:rgb(108, 169, 115)  
}
```

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(108, 169, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 169, 115) }
```

Border

The CSS property to change the border of an element to XYZ 23.4668, 32.8019, 21.3142 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(108, 169, 115) }
```


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

```
.border{ border-color:rgb(108, 169, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 169, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 169, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 169, 115);  
box-shadow:4px 4px 4px 4px rgb(108, 169,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4668, 32.8019, 21.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 169, 115) }
```

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

```
.background{ background-color: rgb(108,  
169, 115) }
```

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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