

Converting Colors

XYZ(17.1612, 23.0477, 17.8081)

Have a look what the booklet for
XYZ(17.1612, 23.0477, 17.8081)
contains.

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Color

**XYZ(17.1453, 23.1073,
17.7439)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8F6C
RGB	94, 143, 108
RGB Percent	37%, 56%, 42%
CMY	0.6314, 0.4392, 0.5765
CMYK	0.34, 0.00, 0.24, 0.44
HSL	137°, 21%, 46%
HSV	137°, 34%, 56%
XYZ	17.1453, 23.1073, 17.7439
YIQ	124.3590, -17.9690, -21.2730

Conversions

Conversions Part 2

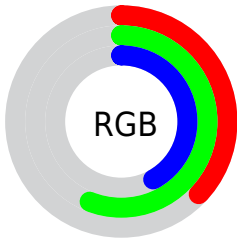
Format	Color
RYB	94, 132, 143
Decimal	6197100
CIELab	55.18, -24.31, 13.49
CIELCh	55, 27.799, 150.979
Yxy	23.1073, 0.2956, 0.3984
Android (android.graphics.Color)	4284387180 (0xFF5E8F6C)
YUV	124.3590, -8.0650, -26.6248
Hunter-Lab	48.0701, -20.4564, 11.7636

Details

The XYZ color **17.1453, 23.1073, 17.7439** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.2936, 15.4305, 22.7311**, and the grayscale version is **19.3089, 20.3144, 22.1224**.

A 20% lighter version of the original color is **38.1655, 48.5816, 40.6234**, and **5.7249, 8.5384, 5.6213** is the 20% darker color. If you saturate the color by 10%, you get **15.3005, 22.2161, 14.9843**, and if you desaturate by 10%, it is **19.3268, 24.1660, 20.8528**.

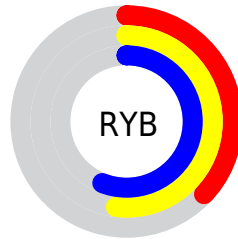
Distribution



Red (37%)

Green (56%)

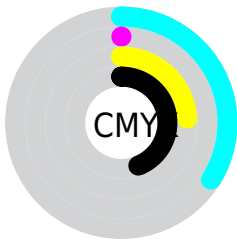
Blue (42%)



Red (37%)

Yellow (52%)

Blue (56%)

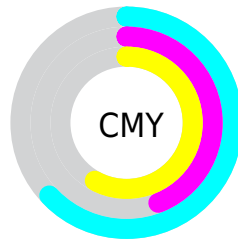


Cyan (34%)

Magenta (0%)

Yellow (24%)

Black (44%)



Cyan (63%)

Magenta (44%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1453, 23.1073, 17.7439 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 17.1453, 23.1073, 17.7439 by changing the saturation by 10% instead.

■ 17.1453, 23.1073,
17.7439

■ 17.1453, 23.1073,
17.7439

229.1483,
268.2756, 251.6110

■ 10.4341, 14.6728,
10.5987

■ 38.1170, 48.5695,
40.4085

■ 5.7522, 8.5900,
5.6870

■ 53.1083, 66.3659,
56.7650

■ 2.7342, 4.4748,
2.5900

■ 71.5902, 88.0517,
77.0290

■ 1.0148, 1.9425,
0.8873

■ 93.9283, 114.0113,
101.6191

■ 0.0000, 0.5738,
0.0000

120.4877,
144.6291, 130.9538

■ 0.0000, 0.0000,
0.0000

151.6340,

180.2895, 165.4517

187.7324,
221.3769, 205.5312

■ 17.1453, 23.1073,
17.7439

■ 17.1453, 23.1073,
17.7439

■ 15.3005, 22.2161,
14.9843

■ 19.3268, 24.1660,
20.8528

■ 13.7732, 21.4808,
12.5602

■ 21.8590, 25.3973,
24.3210

■ 12.5454, 20.8931,
10.4592


■ 24.7576, 26.8096,
28.1602


■ 11.5961, 20.4424,
8.6674


■ 28.0365, 28.4099,
32.3809


■ 10.9016, 20.1168,
7.1700


■ 31.7090, 30.2049,
36.9933


 10.4329, 19.9017,
5.9508

 35.7879, 32.2008,
42.0073

 10.2207, 19.8049,
5.3689

 40.2850, 34.4038,
47.4322

 45.2122, 36.8195,
53.2772

 50.5803, 39.4536,
59.5511

Harmonies

Analogous

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



19.0311, 23.1073, 13.1643



17.1453, 23.1073, 17.7439



16.5184, 23.1073, 25.4533

Triad

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



17.1453, 23.1073, 17.7439



22.0650, 23.1073, 46.4178



27.4888, 23.1073, 17.3459

Complementary

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



17.1453, 23.1073, 17.7439



19.2936, 15.4305, 22.7311

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.



28.4886, 23.1073, 24.8688



17.1453, 23.1073, 17.7439



25.1811, 23.1073, 42.8486

Square

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



17.1453, 23.1073, 17.7439



19.1922, 23.1073, 43.2667



27.6074, 23.1073, 34.3987



24.9880, 23.1073, 12.9754

Rectangle

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



17.1453, 23.1073, 17.7439



16.8471, 23.1073, 31.7909



27.6074, 23.1073, 34.3987



28.0216, 23.1073, 19.5217

Sweetspot

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



17.1459, 23.1083, 17.7444



41.1688, 46.4664, 46.2600



20.9147, 25.1304, 14.3382



9.2940, 10.5842, 10.4128



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.



17.1459, 23.1083, 17.7444



28.1395, 40.1410, 27.9639



18.6304, 23.7020, 25.5615



5.4023, 6.0531, 6.0844



9.0448, 17.5138, 4.7899



0.0950, 0.1709, 0.0907

Inverse Universe

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



19.2936, 15.4305, 22.7311



32.5755, 24.2656, 38.2517



17.8612, 14.8575, 15.1882



5.5615, 5.4851, 6.4546



12.1519, 6.0178, 11.7171



0.1257, 0.0613, 0.1621

Previews

White Background



This preview shows how the XYZ color 17.1453, 23.1073, 17.7439 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 17.1453, 23.1073, 17.7439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

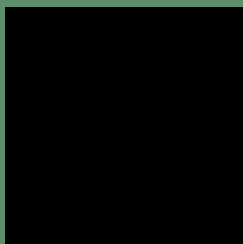
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.1453, 23.1073, 17.7439

Background



This preview shows how black text looks on a background with the XYZ color 17.1453, 23.1073, 17.7439.



This preview shows how white text looks on a background with the XYZ color 17.1453, 23.1073,

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

17.1453, 23.1073, 17.7439

Protanopia

21.3797, 22.7873, 16.1035

Deuteranopia

23.2765, 22.9279, 18.5280



Tritanopia

19.9928, 23.1717, 31.8526

Trichromacy



Original Color

17.1453, 23.1073, 17.7439

Protanomaly

19.3822, 22.5588, 16.6973

Deuteranomaly

20.4627, 22.6686, 18.3359

Tritanomaly

18.8267, 23.1300, 26.0265

Monochromacy



Original Color

17.1453, 23.1073, 17.7439

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.1964, 21.0513, 20.2438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1453, 23.1073, 17.7439 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(94, 143, 108)` looks like.

```
.text, #text, p{  
    color:rgb(94, 143, 108)  
}
```

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(94, 143, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 143, 108) }
```

Border

The CSS property to change the border of an element to XYZ 17.1453, 23.1073, 17.7439 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(94, 143, 108) }
```


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

```
.border{ border-color:rgb(94, 143, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 143, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 143, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 143, 108);  
box-shadow:4px 4px 4px 4px rgb(94, 143,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1453, 23.1073, 17.7439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 143, 108) }
```

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

```
.background{ background-color: rgb(94, 143,  
108) }
```

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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