

Converting Colors

XYZ(17.1333, 23.3784, 15.3261)

Have a look what the booklet for
XYZ(17.1333, 23.3784, 15.3261)
contains.

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Color

**XYZ(17.1552, 23.3888,
15.4147)**

Conversions

Conversions Part 1

Format	Color
Hex	619063
RGB	97, 144, 99
RGB Percent	38%, 56%, 39%
CMY	0.6196, 0.4353, 0.6118
CMYK	0.33, 0.00, 0.31, 0.44
HSL	123°, 20%, 47%
HSV	123°, 33%, 56%
XYZ	17.1552, 23.3888, 15.4147
YIQ	124.8170, -13.5670, -23.9590

Conversions

Conversions Part 2

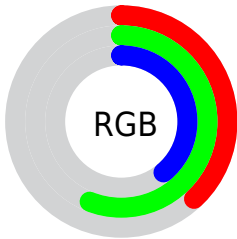
Format	Color
R_{YB}	97, 142, 144
Decimal	6393955
CIE _{Lab}	55.47, -25.50, 18.99
CIE _{LCh}	55, 31.789, 143.322
Yxy	23.3888, 0.3066, 0.4180
Android (android.graphics.Color)	4284584035 (0xFF619063)
YUV	124.8170, -12.7278, -24.3955
Hunter-Lab	48.3620, -21.3150, 14.9555

Details

The XYZ color **17.1552, 23.3888, 15.4147** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.6596, 16.4322, 27.6751**, and the grayscale version is **19.4767, 20.4910, 22.3147**.

A 20% lighter version of the original color is **38.0935, 48.9797, 36.3005**, and **5.7531, 8.7050, 4.6258** is the 20% darker color. If you saturate the color by 10%, you get **15.1541, 22.4276, 12.1692**, and if you desaturate by 10%, it is **19.5487, 24.5406, 19.2670**.

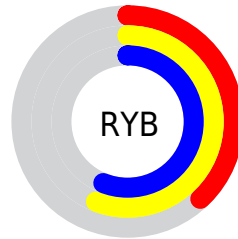
Distribution



Red (38%)

Green (56%)

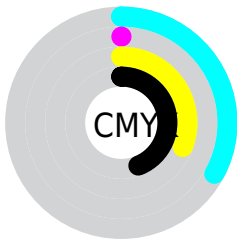
Blue (39%)



Red (38%)

Yellow (56%)

Blue (56%)

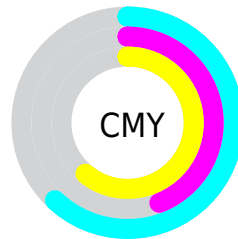


Cyan (33%)

Magenta (0%)

Yellow (31%)

Black (44%)



Cyan (62%)

Magenta (44%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1552, 23.3888, 15.4147 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 17.1552, 23.3888, 15.4147 by changing the saturation by 10% instead.

■ 17.1552, 23.3888,
15.4147

■ 17.1552, 23.3888,
15.4147

229.2040,
269.7157, 237.5894

■ 10.4412, 14.8809,
8.9611

■ 38.1339, 49.0310,
36.3316

■ 5.7570, 8.7358,
4.6193

■ 53.1293, 66.9339,
51.6320

■ 2.7371, 4.5693,
1.9709

■ 71.6159, 88.7374,
70.7184

■ 1.0163, 1.9968,
0.5373

■ 93.9590, 114.8258,
94.0093

■ 0.0000, 0.6056,
0.0000

120.5241,
145.5834, 121.9233

■ 0.0000, 0.0000,
0.0000

151.6763,

181.3946, 154.8790

187.7812,
222.6439, 193.2948

■ 17.1552, 23.3888,
15.4147

■ 17.1552, 23.3888,
15.4147

■ 15.1541, 22.4276,
12.1692

■ 19.5487, 24.5406,
19.2670

■ 13.5227, 21.6441,
9.4983

■ 22.3519, 25.8893,
23.7533

■ 12.2389, 21.0280,
7.3688


■ 25.5835, 27.4447,
28.9008


■ 11.2775, 20.5674,
5.7438


■ 29.2604, 29.2149,
34.7347


■ 10.6098, 20.2482,
4.5817


■ 33.3986, 31.2076,
41.2792


 10.2021, 20.0541,
3.8343

 38.0134, 33.4303,
48.5568

 10.0073, 19.9609,
3.5014

 43.1191, 35.8899,
56.5895

 48.7297, 38.5931,
65.3980

 54.8587, 41.5465,
75.0024

Harmonies

Analogous

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



19.6156, 23.3888, 11.3166



17.1552, 23.3888, 15.4147



16.0718, 23.3888, 23.2426

Triad

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



17.1552, 23.3888, 15.4147



21.4396, 23.3888, 50.4861



29.1677, 23.3888, 18.4333

Complementary

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



17.1552, 23.3888, 15.4147



20.6596, 16.4322, 27.6751

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.



29.7900, 23.3888, 27.8278



17.1552, 23.3888, 15.4147



25.0677, 23.3888, 48.1915

Square

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



17.1552, 23.3888, 15.4147



18.3679, 23.3888, 44.7694



28.2191, 23.3888, 39.1463



26.5996, 23.3888, 12.7044

Rectangle

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



17.1552, 23.3888, 15.4147



16.1836, 23.3888, 30.2833



28.2191, 23.3888, 39.1463



29.6220, 23.3888, 21.1895

Sweetspot

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



17.1558, 23.3898, 15.4152



40.7386, 46.2943, 43.9944



23.3618, 26.6000, 15.2125



9.1847, 10.5405, 9.8376



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.



17.1558, 23.3898, 15.4152



27.6616, 40.0044, 22.9830



18.4207, 23.8958, 22.0762



5.3516, 6.0329, 5.8174



8.7164, 17.3824, 3.0609



0.0848, 0.1668, 0.0371

Inverse Universe

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



20.6596, 16.4322, 27.6751



34.8065, 25.8130, 47.9805



19.1028, 15.8095, 19.4771



5.6165, 5.5071, 6.7444



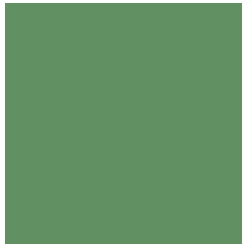
14.0048, 6.7589, 21.4743



0.1359, 0.0654, 0.2158

Previews

White Background



This preview shows how the XYZ color 17.1552, 23.3888, 15.4147 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 17.1552, 23.3888, 15.4147 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 17.1552, 23.3888, 15.4147

Background



This preview shows how black text looks on a background with the XYZ color 17.1552, 23.3888, 15.4147.



This preview shows how white text looks on a background with the XYZ color 17.1552, 23.3888,

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

17.1552, 23.3888, 15.4147

Protanopia

21.5993, 23.1503, 13.9197

Deuteranopia

23.5551, 23.1266, 16.0544



Tritanopia

20.4572, 23.4111, 31.8743

Trichromacy



Original Color

17.1552, 23.3888, 15.4147

Protanomaly

19.5197, 22.8885, 14.4555

Deuteranomaly

20.6173, 22.8027, 15.8851

Tritanomaly

19.0683, 23.2784, 24.9609

Monochromacy



Original Color

17.1552, 23.3888, 15.4147

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.4739, 21.4083, 19.6815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1552, 23.3888, 15.4147 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(97, 144, 99)` looks like.

```
.text, #text, p{  
    color:rgb(97, 144, 99)  
}
```

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(97, 144, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 144, 99) }
```

Border

The CSS property to change the border of an element to XYZ 17.1552, 23.3888, 15.4147 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(97, 144, 99) }
```


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

```
.border{ border-color:rgb(97, 144, 99) }
```

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

Here you see how a box with a 4 pixel rgb(97, 144, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 144, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 144, 99);  
box-shadow:4px 4px 4px 4px rgb(97, 144,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1552, 23.3888, 15.4147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 144, 99) }
```

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

```
.background{ background-color: rgb(97, 144,  
99) }
```

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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