

Converting Colors

XYZ(17.5541, 23.3706, 15.3902)

Have a look what the booklet for
XYZ(17.5541, 23.3706, 15.3902)
contains.

XYZ(17.5541, 23.3706, 15.3902)	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(17.5541, 23.3706,
15.3902)**

Conversions

Conversions Part 1

Format	Color
Hex	668F63
RGB	102, 143, 99
RGB Percent	40%, 56%, 39%
CMY	0.6000, 0.4392, 0.6118
CMYK	0.29, 0.00, 0.31, 0.44
HSL	116°, 18%, 47%
HSV	116°, 31%, 56%
XYZ	17.5541, 23.3706, 15.3902
YIQ	125.7250, -10.3120, -22.3760

Conversions

Conversions Part 2

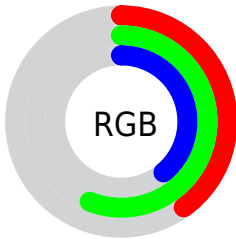
Format	Color
R_{YB}	99, 143, 140
Decimal	6721379
CIE _{Lab}	55.45, -23.24, 19.01
CIE _{LCh}	55, 30.027, 140.717
Yxy	23.3706, 0.3117, 0.4150
Android (android.graphics.Color)	4284911459 (0xFF668F63)
YUV	125.7250, -13.1754, -20.8068
Hunter-Lab	48.3431, -19.7846, 14.9650

Details

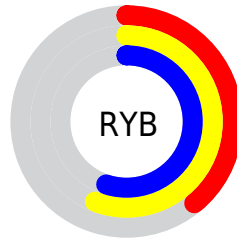
The XYZ color **17.5541, 23.3706, 15.3902** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.2361, 16.4831, 28.1029**, and the grayscale version is **19.7841, 20.8145, 22.6669**.

A 20% lighter version of the original color is **38.7977, 49.0045, 36.2681**, and **5.9152, 8.6591, 4.6084** is the 20% darker color. If you saturate the color by 10%, you get **15.5395, 22.4048, 12.0378**, and if you desaturate by 10%, it is **19.9338, 24.5120, 19.3927**.

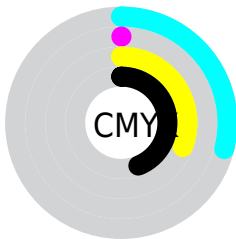
Distribution



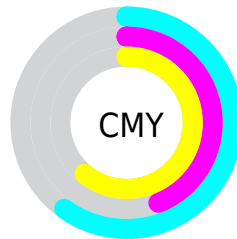
- Red (40%)
- Green (56%)
- Blue (39%)



- Red (39%)
- Yellow (56%)
- Blue (55%)



- Cyan (29%)
- Magenta (0%)
- Yellow (31%)
- Black (44%)



- Cyan (60%)
- Magenta (44%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5541, 23.3706, 15.3902 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 17.5541, 23.3706, 15.3902 by changing the saturation by 10% instead.

■ 17.5541, 23.3706,
15.3902

■ 17.5541, 23.3706,
15.3902

231.4401,
269.6228, 237.4376

■ 10.7281, 14.8674,
8.9440

■ 38.8121, 49.0011,
36.2882

■ 5.9502, 8.7264,
4.6084

■ 53.9748, 66.8973,
51.5771

■ 2.8552, 4.5631,
1.9647

■ 72.6471, 88.6931,
70.6507

■ 1.0777, 1.9933,
0.5334

■ 95.1944, 114.7732,
93.9275

■ 0.0063, 0.6036,
0.0000

121.9819,
145.5218, 121.8261

■ 0.0000, 0.0000,
0.0000

153.3752,

181.3233, 154.7649

189.7394,
222.5622, 193.1625

■ 17.5541, 23.3706,
15.3902

■ 17.5541, 23.3706,
15.3902

■ 15.5395, 22.4048,
12.0378

■ 19.9338, 24.5120,
19.3927

■ 13.8702, 21.6032,
9.2997

■ 22.6936, 25.8339,
24.0754

■ 12.5273, 20.9573,
7.1392


■ 25.8496, 27.3448,
29.4685


■ 11.4894, 20.4571,
5.5149


■ 29.4167, 29.0517,
35.5997


■ 10.7324, 20.0912,
4.3798

■ 33.4090, 30.9613,
42.4956


 10.2288, 19.8466,
3.6792

 37.8399, 33.0799,
50.1810

 9.9449, 19.7088,
3.2800

 42.7220, 35.4137,
58.6799

 48.0677, 37.9685,
68.0153

 53.8888, 40.7497,
78.2091

Harmonies

Analogous

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



19.9930, 23.3706, 11.7090



17.5541, 23.3706, 15.3902



16.3983, 23.3706, 22.5617

Triad

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



17.5541, 23.3706, 15.3902



21.1815, 23.3706, 48.5814



28.8610, 23.3706, 19.4155

Complementary

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



17.5541, 23.3706, 15.3902



20.2361, 16.4831, 28.1029

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.



29.2617, 23.3706, 28.5675



17.5541, 23.3706, 15.3902



24.5916, 23.3706, 47.1196

Square

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



17.5541, 23.3706, 15.3902



18.3482, 23.3706, 42.7371



27.6310, 23.3706, 39.1392



26.5858, 23.3706, 13.5905

Rectangle

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



17.5541, 23.3706, 15.3902



16.4214, 23.3706, 29.0661



27.6310, 23.3706, 39.1392



29.2278, 23.3706, 22.1408

Sweetspot

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



17.5547, 23.3716, 15.3907



41.4834, 46.6667, 44.5527



22.8619, 25.3036, 15.4839



9.3502, 10.6237, 9.9394



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.



17.5547, 23.3716, 15.3907



28.8392, 40.6072, 23.2323



18.1994, 23.5909, 20.5276



5.3748, 6.0458, 5.7731



8.8002, 17.4293, 2.9004



0.0896, 0.1694, 0.0280

Inverse Universe

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



20.2361, 16.4831, 28.1029



34.4353, 26.2171, 49.7835



19.4708, 16.2361, 21.3991



5.5905, 5.4926, 6.7943



12.9789, 6.1845, 23.4867



0.1311, 0.0628, 0.2249

Previews

White Background



This preview shows how the XYZ color 17.5541, 23.3706, 15.3902 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 17.5541, 23.3706, 15.3902 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 17.5541, 23.3706, 15.3902

Background



This preview shows how black text looks on a background with the XYZ color 17.5541, 23.3706, 15.3902.



This preview shows how white text looks on a background with the XYZ color 17.5541, 23.3706,

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

17.5541, 23.3706, 15.3902

Protanopia

21.5993, 23.1503, 13.9197

Deuteranopia

23.5052, 23.1066, 15.7915



Tritanopia

20.8465, 23.4089, 31.4366

Trichromacy



Original Color

17.5541, 23.3706, 15.3902

Protanomaly

19.8176, 23.0420, 14.4694

Deuteranomaly

20.8898, 22.9489, 15.6405

Tritanomaly

19.4462, 23.2651, 24.5848

Monochromacy



Original Color

17.5541, 23.3706, 15.3902

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.7398, 21.5454, 19.6940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5541, 23.3706, 15.3902 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(102, 143, 99)` looks like.

```
.text, #text, p{  
    color:rgb(102, 143, 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(102, 143, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 143, 99) }
```

Border

The CSS property to change the border of an element to XYZ 17.5541, 23.3706, 15.3902 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(102, 143, 99) }
```


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

```
.border{ border-color:rgb(102, 143, 99) }
```

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

Here you see how a box with a 4 pixel rgb(102, 143, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 143, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 143, 99);  
box-shadow:4px 4px 4px 4px rgb(102, 143,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5541, 23.3706, 15.3902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 143, 99) }
```

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

```
.background{ background-color: rgb(102,  
143, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor