

Converting Colors

XYZ(17.6678, 19.3199, 15.4748)

Have a look what the booklet for
XYZ(17.6678, 19.3199, 15.4748)
contains.

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Color

**XYZ(17.6496, 19.3362,
15.3724)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7B66
RGB	123, 123, 102
RGB Percent	48%, 48%, 40%
CMY	0.5176, 0.5176, 0.6000
CMYK	0.00, 0.00, 0.17, 0.52
HSL	60°, 9%, 44%
HSV	60°, 17%, 48%
XYZ	17.6496, 19.3362, 15.3724
YIQ	120.6060, 6.7410, -6.5310

Conversions

Conversions Part 2

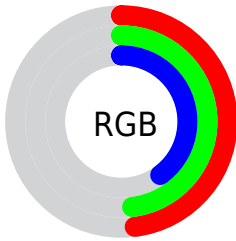
Format	Color
RYB	102, 123, 102
Decimal	8092518
CIELab	51.08, -3.87, 11.51
CIELCh	51, 12.145, 108.601
Yxy	19.3362, 0.3371, 0.3693
Android (android.graphics.Color)	4286282598 (0xFF7B7B66)
YUV	120.6060, -9.1728, 2.0995
Hunter-Lab	43.9729, -5.3074, 10.0540

Details

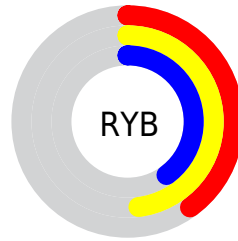
The XYZ color **17.6496, 19.3362, 15.3724** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.8068, 13.7581, 20.6679**, and the grayscale version is **18.0744, 19.0157, 20.7081**.

A 20% lighter version of the original color is **38.9842, 42.1900, 36.2258**, and **5.9624, 6.6292, 4.5797** is the 20% darker color. If you saturate the color by 10%, you get **17.0843, 19.1107, 12.3945**, and if you desaturate by 10%, it is **18.3065, 19.5996, 18.8279**.

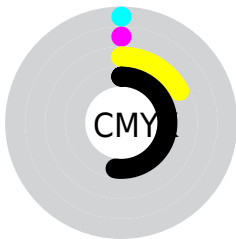
Distribution



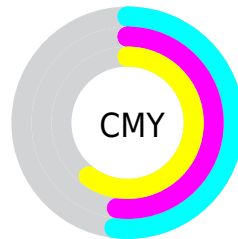
- Red (48%)
- Green (48%)
- Blue (40%)



- Red (40%)
- Yellow (48%)
- Blue (40%)



- Cyan (0%)
- Magenta (0%)
- Yellow (17%)
- Black (52%)



- Cyan (52%)
- Magenta (52%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6496, 19.3362, 15.3724 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 17.6496, 19.3362, 15.3724 by changing the saturation by 10% instead.

■ 17.6496, 19.3362,
15.3724

■ 17.6496, 19.3362,
15.3724

231.9725,
248.2985, 237.3272

■ 10.7969, 11.9135,
8.9316

■ 38.9741, 42.3014,
36.2567

■ 5.9967, 6.6848,
4.6004

■ 54.1766, 58.6127,
51.5373

■ 2.8837, 3.2658,
1.9602

■ 72.8931, 78.6556,
70.6015

■ 1.0926, 1.2720,
0.5306

■ 95.4889, 102.8146,
93.8681

■ 0.0189, 0.1194,
0.0000

122.3294,
131.4739, 121.7553

■ 0.0000, 0.0000,
0.0000

153.7799,

165.0181, 154.6819

190.2058,
203.8315, 193.0664

■ 17.6496, 19.3362,
15.3724

■ 17.6496, 19.3362,
15.3724

■ 17.0843, 19.1107,
12.3945

■ 18.3065, 19.5996,
18.8279

■ 16.6050, 18.9189,
9.8721

■ 19.0572, 19.8999,
22.7795

■ 16.2080, 18.7601,
7.7830

■ 19.9056, 20.2394,
27.2460

■ 15.8887, 18.6324,
6.1030

■ 20.8552, 20.6192,
32.2451

■ 15.6420, 18.5337,
4.8052

■ 21.9091, 21.0408,
37.7935

■ 15.4622, 18.4617,
3.8597

■ 23.0704, 21.5053,
43.9072

■ 15.3427, 18.4139,
3.2318

■ 24.3419, 22.0140,
50.6016

■ 15.2694, 18.3845,
2.8471

■ 25.7265, 22.5678,
57.8914

■ 15.2496, 18.3766,
2.7433

■ 27.2269, 23.1680,
65.7909

Harmonies

Analogous

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



18.8400, 19.3362, 15.1982



17.6496, 19.3362, 15.3724



16.6954, 19.3362, 16.9651

Triad

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



17.6496, 19.3362, 15.3724



16.8891, 19.3362, 26.4314



20.7435, 19.3362, 22.3922

Complementary

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



17.6496, 19.3362, 15.3724



13.8068, 13.7581, 20.6679

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.



20.1711, 19.3362, 25.7518



17.6496, 19.3362, 15.3724



17.9245, 19.3362, 28.2481

Square

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



17.6496, 19.3362, 15.3724



16.2697, 19.3362, 23.2412



19.1272, 19.3362, 27.9866



20.6620, 19.3362, 19.0082

Rectangle

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



17.6496, 19.3362, 15.3724



16.3054, 19.3362, 18.7253



19.1272, 19.3362, 27.9866



20.6202, 19.3362, 23.5678

Sweetspot

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



17.6501, 19.3371, 15.3728



33.0293, 35.1955, 35.0242



15.3187, 14.6735, 14.5955



7.7613, 8.2820, 8.1560



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



17.6501, 19.3371, 15.3728



31.2409, 34.4801, 25.6107



16.2279, 18.6039, 15.3063



4.3077, 4.6339, 4.2919



15.7747, 19.0094, 2.8378



75.2462, 90.6763, 13.5364

Inverse Universe

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



13.8068, 13.7581, 20.6679



23.1706, 22.7652, 36.7295



15.0730, 14.4109, 20.7271



3.7977, 3.8936, 4.9946



3.6987, 1.4795, 19.4759



17.6426, 7.0571, 92.9021

Previews

White Background



This preview shows how the XYZ color 17.6496, 19.3362, 15.3724 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 17.6496, 19.3362, 15.3724 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

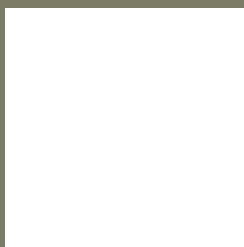
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.6496, 19.3362, 15.3724

Background



This preview shows how black text looks on a background with the XYZ color 17.6496, 19.3362, 15.3724.



This preview shows how white text looks on a background with the XYZ color 17.6496, 19.3362,

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

17.6496, 19.3362, 15.3724

Protanopia

18.0884, 19.2035, 15.0652

Deuteranopia

19.6247, 19.2773, 15.5185



Tritanopia

19.3117, 19.2907, 23.4745

Trichromacy



Original Color

17.6496, 19.3362, 15.3724

Protanomaly

17.9127, 19.2943, 15.0920

Deuteranomaly

18.8765, 19.2413, 15.5510

Tritanomaly

18.6504, 19.2005, 20.1758

Monochromacy



Original Color

17.6496, 19.3362, 15.3724

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.0228, 19.2715, 18.6895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6496, 19.3362, 15.3724 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, 123, 102)` looks like.

```
.text, #text, p{  
    color:rgb(123, 123, 102)  
}
```

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, 123, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 123, 102) }
```

Border

The CSS property to change the border of an element to XYZ 17.6496, 19.3362, 15.3724 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, 123, 102) }
```


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

```
.border{ border-color:rgb(123, 123, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 123, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 123, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 123, 102);  
box-shadow:4px 4px 4px 4px rgb(123, 123,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6496, 19.3362, 15.3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 123, 102) }
```

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

```
.background{ background-color: rgb(123,  
123, 102) }
```

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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