

Converting Colors

XYZ(15.2756, 16.0851, 17.8067)

Have a look what the booklet for
XYZ(15.2756, 16.0851, 17.8067)
contains.

XYZ(15.3304, 16.1601, 17.9340)	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(15.3304, 16.1601,
17.9340)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7071
RGB	111, 112, 113
RGB Percent	44%, 44%, 44%
CMY	0.5647, 0.5608, 0.5569
CMYK	0.02, 0.01, 0.00, 0.56
HSL	210°, 1%, 44%
HSV	210°, 2%, 44%
XYZ	15.3304, 16.1601, 17.9340
YIQ	111.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

Format	Color
R_{YB}	111, 112, 113
Decimal	7303281
CIE Lab	47.18, -0.17, -0.69
CIE LCh	47, 0.715, 255.984
Yxy	16.1601, 0.3102, 0.3270
Android (android.graphics.Color)	4285493361 (0xFF6F7071)
YUV	111.8150, 0.5842, -0.7148
Hunter-Lab	40.1996, -2.2772, 1.6891

Details

The XYZ color **15.3304, 16.1601, 17.9340** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.4736, 16.2467, 17.3597**, and the grayscale version is **15.3458, 16.1450, 17.5819**.

A 20% lighter version of the original color is **35.1712, 37.0541, 40.8957**, and **4.8374, 5.1052, 5.7315** is the 20% darker color. If you saturate the color by 10%, you get **13.3946, 14.2673, 17.6709**, and if you desaturate by 10%, it is **17.4861, 18.2251, 18.2192**.

Distribution



Red (44%)

Green (44%)

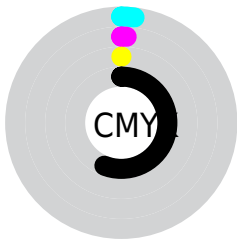
Blue (44%)



Red (44%)

Yellow (44%)

Blue (44%)



Cyan (2%)

Magenta (1%)

Yellow (0%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3304, 16.1601, 17.9340 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 15.3304, 16.1601, 17.9340 by changing the saturation by 10% instead.

■ 15.3304, 16.1601,
17.9340

■ 15.3304, 16.1601,
17.9340

218.7064,
230.2846, 252.7224

■ 9.1394, 9.6375,
10.7337

■ 34.9987, 36.8759,
40.7373

■ 4.8901, 5.1593,
5.7761

■ 49.2067, 51.8379,
57.1772

■ 2.2170, 2.3410,
2.6429

■ 66.8178, 70.3819,
77.5342

■ 0.7517, 0.7953,
0.9145

■ 88.1972, 92.8922,
102.2267

■ 0.0000, 0.0000,
0.0000

113.7105,
119.7532, 131.6732

143.7228,

151.3494, 166.2923

178.5997,
188.0650, 206.5025

■ 15.3304, 16.1601,
17.9340

■ 15.3304, 16.1601,
17.9340

■ 13.3946, 14.2673,
17.6709

■ 17.4861, 18.2251,
18.2192

■ 11.6698, 12.5397,
17.4284

■ 19.8672, 20.4647,
18.5260

■ 10.1487, 10.9729,
17.2061

■ 22.4810, 22.8843,
18.8553

■ 8.8230, 9.5614,
17.0035

■ 25.3339, 25.4879,
19.2075

■ 7.6835, 8.2995,
16.8200

■ 28.4319, 28.2799,
19.5831

■ 6.7208, 7.1810,
16.6549

■ 31.7812, 31.2641,
19.9826

■ 5.9240, 6.1992,
16.5074

■ 35.3873, 34.4444,
20.4064

■ 5.2811, 5.3465,
16.3767

■ 39.2558, 37.8246,
20.8549

■ 4.7782, 4.6145,
16.2619

■ 43.3921, 41.4083,
21.3286

Harmonies

Analogous

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



15.2758, 16.1601, 17.8460



15.3304, 16.1601, 17.9340



15.3930, 16.1601, 17.9309

Triad

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



15.3304, 16.1601, 17.9340



15.4763, 16.1601, 17.5003



15.2728, 16.1601, 17.3559

Complementary

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



15.3304, 16.1601, 17.9340



15.4736, 16.2467, 17.3597

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.



15.3264, 16.1601, 17.2645



15.3304, 16.1601, 17.9340



15.4439, 16.1601, 17.3475

Square

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



15.3304, 16.1601, 17.9340



15.4774, 16.1601, 17.6797



15.3890, 16.1601, 17.2615



15.2426, 16.1601, 17.5118

Rectangle

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



15.3304, 16.1601, 17.9340



15.4309, 16.1601, 17.8775



15.3890, 16.1601, 17.2615



15.2887, 16.1601, 17.3166

Sweetspot

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



15.3309, 16.1608, 17.9344



27.7253, 29.2023, 32.1508



15.3838, 16.3592, 17.6667



6.4189, 6.7602, 7.4363



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



15.3309, 16.1608, 17.9344



27.3485, 28.8379, 32.1004



15.2246, 15.9483, 17.8989



3.6826, 3.8821, 4.3094



4.9978, 4.5860, 18.3434



24.0335, 21.1188, 91.0888

Inverse Universe

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



15.4195, 16.0499, 17.6152



27.5325, 28.6082, 31.4379



15.5810, 16.4615, 17.3955



3.7042, 3.8550, 4.2315



8.5410, 4.3088, 4.6589



42.1109, 21.2897, 20.9142

Previews

White Background



This preview shows how the XYZ color 15.3304, 16.1601, 17.9340 looks on a white 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

Black Background



This preview shows how the XYZ color 15.3304, 16.1601, 17.9340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

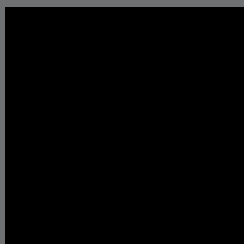
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

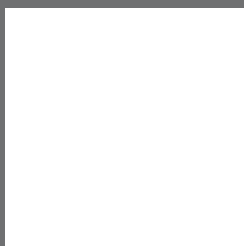
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3304, 16.1601, 17.9340

Background



This preview shows how black text looks on a background with the XYZ color 15.3304, 16.1601, 17.9340.



This preview shows how white text looks on a background with the XYZ color 15.3304, 16.1601,

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

15.3304, 16.1601, 17.9340

Protanopia

15.6045, 16.1385, 17.9154

Deuteranopia

16.4259, 16.0776, 18.1571



Tritanopia

15.7567, 16.1697, 20.0599

Trichromacy

**Original Color**

15.3304, 16.1601, 17.9340

Protanomaly

15.4751, 16.0718, 17.9093

Deuteranomaly

15.9771, 16.0037, 18.1665

Tritanomaly

15.5774, 16.0980, 19.1158

Monochromacy

**Original Color**

15.3304, 16.1601, 17.9340

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.4009, 16.2029, 17.6450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3304, 16.1601, 17.9340 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(111, 112, 113)` looks like.

```
.text, #text, p{  
    color:rgb(111, 112, 113)  
}
```

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(111, 112, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 112, 113) }
```

Border

The CSS property to change the border of an element to XYZ 15.3304, 16.1601, 17.9340 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(111, 112, 113) }
```


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

```
.border{ border-color:rgb(111, 112, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 112, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 112, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 112, 113);  
box-shadow:4px 4px 4px 4px rgb(111, 112,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3304, 16.1601, 17.9340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 112, 113) }
```

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

```
.background{ background-color: rgb(111,  
112, 113) }
```

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