

Converting Colors

XYZ(13.3610, 15.6936, 10.3749)

Have a look what the booklet for
XYZ(13.3610, 15.6936, 10.3749)
contains.

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Color

**XYZ(13.3660, 15.6471,
10.2984)**

Conversions

Conversions Part 1

Format	Color
Hex	697252
RGB	105, 114, 82
RGB Percent	41%, 45%, 32%
CMY	0.5882, 0.5529, 0.6784
CMYK	0.08, 0.00, 0.28, 0.55
HSL	77°, 16%, 38%
HSV	77°, 28%, 45%
XYZ	13.3660, 15.6471, 10.2984
YIQ	107.6610, 4.9080, -11.8600

Conversions

Conversions Part 2

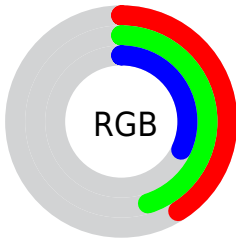
Format	Color
RYB	82, 114, 91
Decimal	6910546
CIELab	46.51, -9.42, 16.65
CIELCh	47, 19.129, 119.504
Yxy	15.6471, 0.3400, 0.3980
Android (android.graphics.Color)	4285100626 (0xFF697252)
YUV	107.6610, -12.6509, -2.3337
Hunter-Lab	39.5564, -8.9091, 12.2535

Details

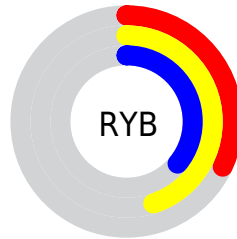
The XYZ color **13.3660, 15.6471, 10.2984** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.3696, 9.4741, 17.2026**, and the grayscale version is **14.1926, 14.9317, 16.2607**.

A 20% lighter version of the original color is **31.7057, 36.1065, 27.1280**, and **3.9695, 4.8999, 2.4868** is the 20% darker color. If you saturate the color by 10%, you get **12.5983, 15.2978, 8.1831**, and if you desaturate by 10%, it is **14.2209, 16.0339, 12.7948**.

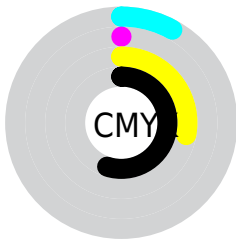
Distribution



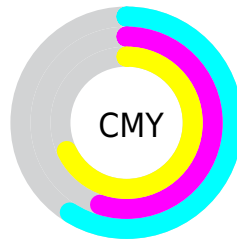
- Red (41%)
- Green (45%)
- Blue (32%)



- Red (32%)
- Yellow (45%)
- Blue (36%)



- Cyan (8%)
- Magenta (0%)
- Yellow (28%)
- Black (55%)



- Cyan (59%)
- Magenta (55%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.3660, 15.6471, 10.2984 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 13.3660, 15.6471, 10.2984 by changing the saturation by 10% instead.

■ 13.3660, 15.6471,
10.2984

■ 13.3660, 15.6471,
10.2984

206.8407,
227.2502, 203.3503

■ 7.7598, 9.2748,
5.4891

■ 31.5555, 35.9845,
26.9718

■ 3.9921, 4.9208,
2.4733

■ 44.8695, 50.7183,
39.6730

■ 1.6977, 2.2009,
0.8259

■ 61.4835, 69.0081,
55.8418

■ 0.4548, 0.7205,
0.0000

■ 81.7629, 91.2382,
75.8969

■ 0.0000, 0.0000,
0.0000

■ 106.0729,
117.7931, 100.2567

134.7790,

149.0571, 129.3399

168.2465,
185.4147, 163.5649

■ 13.3660, 15.6471,
10.2984

■ 13.3660, 15.6471,
10.2984

■ 12.5983, 15.2978,
8.1831

■ 14.2209, 16.0339,
12.7948

■ 11.9127, 14.9825,
6.4291

■ 15.1651, 16.4576,
15.6886

■ 11.3058, 14.7003,
5.0163

■ 16.2024, 16.9202,
18.9967

■ 10.7730, 14.4493,
3.9225

■ 17.3358, 17.4230,
22.7344

■ 10.3095, 14.2276,
3.1225

■ 18.5683, 17.9670,
26.9165

■ 9.9096, 14.0329,
2.5877

■ 19.9026, 18.5536,
31.5568

■ 9.5574, 13.8587,
2.2344

■ 21.3414, 19.1837,
36.6689

■ 9.4913, 13.8261,
2.1685

■ 22.8874, 19.8583,
42.2653

■ 24.5429, 20.5786,
48.3586

Harmonies

Analogous

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



14.8995, 15.6471, 9.4803



13.3660, 15.6471, 10.2984



12.3062, 15.6471, 12.8354

Triad

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



13.3660, 15.6471, 10.2984



13.3218, 15.6471, 26.1104



18.2698, 15.6471, 17.1157

Complementary

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



13.3660, 15.6471, 10.2984



10.3696, 9.4741, 17.2026

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.



17.7719, 15.6471, 22.0680



13.3660, 15.6471, 10.2984



14.8447, 15.6471, 27.8140

Square

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



13.3660, 15.6471, 10.2984



12.2821, 15.6471, 21.9067



16.4873, 15.6471, 26.2150



17.8028, 15.6471, 12.9484

Rectangle

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



13.3660, 15.6471, 10.2984



11.9698, 15.6471, 15.4373



16.4873, 15.6471, 26.2150



18.2092, 15.6471, 18.7437

Sweetspot

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



13.3664, 15.6478, 10.2987



26.6246, 28.9088, 27.4946



12.1643, 11.5897, 9.5788



6.1080, 6.6635, 6.2047



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.



13.3664, 15.6478, 10.2987



22.5529, 27.0711, 15.4965



11.7056, 14.7916, 10.2210



3.5549, 3.8714, 3.6332



10.5485, 15.3816, 2.4130



51.6739, 76.1729, 11.9793

Inverse Universe

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



10.3696, 9.4741, 17.2026



16.3207, 14.2273, 29.8614



12.0626, 10.3469, 17.2819



3.2976, 3.3417, 4.2254



4.0315, 1.6877, 17.8349



19.3386, 8.0238, 88.8086

Previews

White Background



This preview shows how the XYZ color 13.3660, 15.6471, 10.2984 looks on a white background.

Color Contrast Check

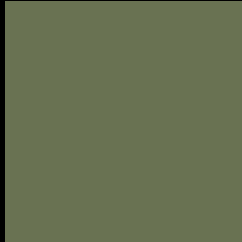
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.3660, 15.6471, 10.2984 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

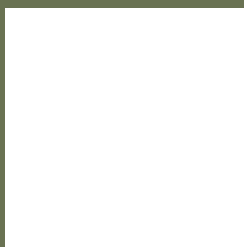
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.3660, 15.6471, 10.2984

Background



This preview shows how black text looks on a background with the XYZ color 13.3660, 15.6471, 10.2984.



This preview shows how white text looks on a background with the XYZ color 13.3660, 15.6471,

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

13.3660, 15.6471, 10.2984

Protanopia

14.4951, 15.5826, 9.8332

Deuteranopia

15.8075, 15.6153, 10.5684



Tritanopia

15.1691, 15.5603, 19.3435

Trichromacy



Original Color

13.3660, 15.6471, 10.2984

Protanomaly

13.9797, 15.4737, 10.0345

Deuteranomaly

14.7757, 15.5549, 10.4072

Tritanomaly

14.4186, 15.5769, 15.6113

Monochromacy



Original Color

13.3660, 15.6471, 10.2984

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.8915, 15.1785, 14.0020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3660, 15.6471, 10.2984 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(105, 114, 82)` looks like.

```
.text, #text, p{  
    color:rgb(105, 114, 82)  
}
```

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(105, 114, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 114, 82) }
```

Border

The CSS property to change the border of an element to XYZ 13.3660, 15.6471, 10.2984 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(105, 114, 82) }
```


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

```
.border{ border-color:rgb(105, 114, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 114, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 114, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 114, 82);  
box-shadow:4px 4px 4px 4px rgb(105, 114,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 13.3660, 15.6471, 10.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 114, 82) }
```

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

```
.background{ background-color: rgb(105,  
114, 82) }
```

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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