

Converting Colors

XYZ(16.3309, 16.8420, 14.0684)

Have a look what the booklet for
XYZ(16.3309, 16.8420, 14.0684)
contains.

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Color

**XYZ(16.3110, 16.7553,
13.9297)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7062
RGB	124, 112, 98
RGB Percent	49%, 44%, 38%
CMY	0.5137, 0.5608, 0.6157
CMYK	0.00, 0.10, 0.21, 0.51
HSL	32°, 12%, 44%
HSV	32°, 21%, 49%
XYZ	16.3110, 16.7553, 13.9297
YIQ	113.9920, 11.6460, -1.8100

Conversions

Conversions Part 2

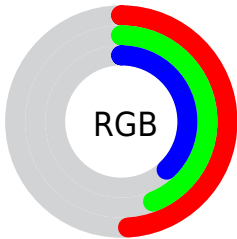
Format	Color
R_{YB}	120, 124, 98
Decimal	8155234
CIE _{Lab}	47.95, 2.21, 9.48
CIE _{LCh}	48, 9.736, 76.899
Yxy	16.7553, 0.3471, 0.3565
Android (android.graphics.Color)	4286345314 (0xFF7C7062)
YUV	113.9920, -7.8841, 8.7770
Hunter-Lab	40.9332, -0.5048, 8.4767

Details

The XYZ color **16.3110, 16.7553, 13.9297** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2510, 15.2035, 21.2524**, and the grayscale version is **16.0127, 16.8466, 18.3459**.

A 20% lighter version of the original color is **36.8317, 38.0680, 33.8404**, and **5.3549, 5.4106, 4.0109** is the 20% darker color. If you saturate the color by 10%, you get **15.1590, 15.3168, 10.8775**, and if you desaturate by 10%, it is **17.5947, 18.3119, 17.4738**.

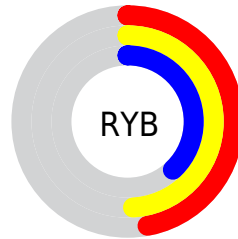
Distribution



Red (49%)

Green (44%)

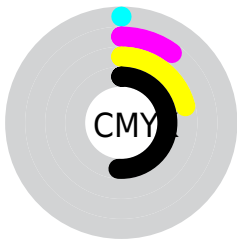
Blue (38%)



Red (47%)

Yellow (49%)

Blue (38%)

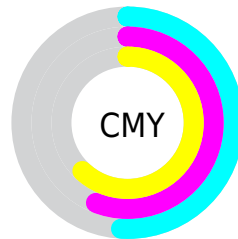


Cyan (0%)

Magenta (10%)

Yellow (21%)

Black (51%)



Cyan (51%)

Magenta (56%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3110, 16.7553, 13.9297 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 16.3110, 16.7553, 13.9297 by changing the saturation by 10% instead.

■ 16.3110, 16.7553,
13.9297

■ 16.3110, 16.7553,
13.9297

224.4044,
233.7583, 228.2063

■ 9.8367, 10.0602,
7.9336

■ 36.6904, 37.9046,
33.6796

■ 5.3523, 5.4389,
3.9653

■ 51.3262, 53.1275,
48.2704

■ 2.4923, 2.5070,
1.6063

■ 69.4133, 71.9618,
66.5633

■ 0.8914, 0.8801,
0.2953

■ 91.3169, 94.7920,
88.9766

■ 0.0000, 0.0000,
0.0000

117.4025,
122.0023, 115.9291

148.0354,

153.9772, 147.8391

183.5809,
191.1010, 185.1253

■ 16.3110, 16.7553,
13.9297

■ 16.3110, 16.7553,
13.9297

■ 15.1590, 15.3168,
10.8775

■ 17.5947, 18.3119,
17.4738

■ 14.1326, 13.9909,
8.2939

■ 19.0135, 19.9873,
21.5295

■ 13.2268, 12.7751,
6.1555

■ 20.5722, 21.7851,
26.1167

■ 12.4361, 11.6659,
4.4361

■ 22.2748, 23.7082,
31.2539

■ 11.7542, 10.6594,
3.1071

■ 24.1254, 25.7590,
36.9587

■ 11.1741, 9.7517,
2.1359

■ 26.1278, 27.9403,
43.2480

■ 10.6880, 8.9380,
1.4846

■ 28.2857, 30.2544,
50.1380

■ 10.3065, 8.2735,
1.0537

■ 30.6025, 32.7038,
57.6440

■ 33.0818, 35.2909,
65.7810

Harmonies

Analogous

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



17.1065, 16.7553, 14.9375



16.3110, 16.7553, 13.9297



15.4399, 16.7553, 13.9991

Triad

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



16.3110, 16.7553, 13.9297



14.3647, 16.7553, 19.6849



17.1896, 16.7553, 21.7493

Complementary

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



16.3110, 16.7553, 13.9297



14.2510, 15.2035, 21.2524

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.



16.4210, 16.7553, 23.2697



16.3110, 16.7553, 13.9297



14.7999, 16.7553, 22.0049

Square

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



16.3110, 16.7553, 13.9297



14.3377, 16.7553, 17.1699



15.5459, 16.7553, 23.3673



17.6262, 16.7553, 19.3613

Rectangle

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



16.3110, 16.7553, 13.9297



14.9335, 16.7553, 14.6452



15.5459, 16.7553, 23.3673



16.9603, 16.7553, 22.3880

Sweetspot

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



16.3114, 16.7561, 13.9301



32.1367, 33.6203, 34.0784



15.5018, 14.1494, 16.7042



7.5390, 7.8830, 7.9413



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.



16.3114, 16.7561, 13.9301



27.7378, 28.2896, 21.9233



17.5999, 19.5181, 14.3953



4.1604, 4.3392, 4.2428



10.4748, 8.4054, 1.0703



49.1064, 38.3763, 4.8192

Inverse Universe

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



14.2510, 15.2035, 21.2524



23.4513, 25.0600, 37.1577



13.1370, 12.8360, 20.8542



3.9359, 4.1700, 5.0406



5.1943, 4.4711, 19.9745



23.9443, 19.6612, 95.0028

Previews

White Background



This preview shows how the XYZ color 16.3110, 16.7553, 13.9297 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 16.3110, 16.7553, 13.9297 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 16.3110, 16.7553, 13.9297

Background



This preview shows how black text looks on a background with the XYZ color 16.3110, 16.7553, 13.9297.



This preview shows how white text looks on a background with the XYZ color 16.3110, 16.7553,

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

16.3110, 16.7553, 13.9297

Protanopia

15.8772, 16.8574, 14.2214

Deuteranopia

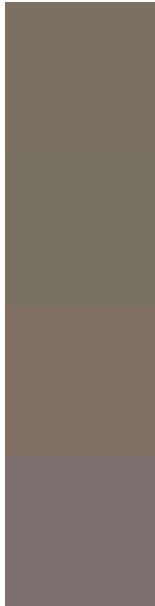
16.9865, 16.7795, 13.8988



Tritanopia

17.3428, 16.6809, 19.4452

Trichromacy



Original Color

16.3110, 16.7553, 13.9297

Protanomaly

16.0424, 16.7761, 14.1970

Deuteranomaly

16.7911, 16.8399, 13.9207

Tritanomaly

16.9026, 16.6595, 17.3637

Monochromacy



Original Color

16.3110, 16.7553, 13.9297

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.0831, 16.7445, 16.5717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3110, 16.7553, 13.9297 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(124, 112, 98)` looks like.

```
.text, #text, p{  
    color:rgb(124, 112, 98)  
}
```

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(124, 112, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 112, 98) }
```

Border

The CSS property to change the border of an element to XYZ 16.3110, 16.7553, 13.9297 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(124, 112, 98) }
```


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

```
.border{ border-color:rgb(124, 112, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 112, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 112, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 112, 98);  
box-shadow:4px 4px 4px 4px rgb(124, 112,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3110, 16.7553, 13.9297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 112, 98) }
```

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

```
.background{ background-color: rgb(124,  
112, 98) }
```

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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