

Converting Colors

XYZ(13.6664, 16.4991, 17.1220)

Have a look what the booklet for
XYZ(13.6664, 16.4991, 17.1220)
contains.

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Color

**XYZ(13.7257, 16.5436,
17.2217)**

Conversions

Conversions Part 1

Format	Color
Hex	5B776E
RGB	91, 119, 110
RGB Percent	36%, 47%, 43%
CMY	0.6431, 0.5333, 0.5686
CMYK	0.24, 0.00, 0.08, 0.53
HSL	161°, 13%, 41%
HSV	161°, 24%, 47%
XYZ	13.7257, 16.5436, 17.2217
YIQ	109.6020, -13.7990, -8.7350

Conversions

Conversions Part 2

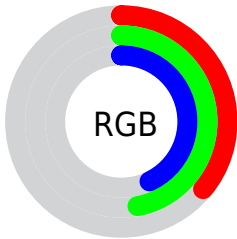
Format	Color
R _Y B	91, 108, 119
Decimal	5994350
CIE Lab	47.68, -12.16, 1.63
CIE LCh	48, 12.268, 172.355
Yxy	16.5436, 0.2890, 0.3484
Android (android.graphics.Color)	4284184430 (0xFF5B776E)
YUV	109.6020, 0.1962, -16.3140
Hunter-Lab	40.6738, -10.9430, 3.3677

Details

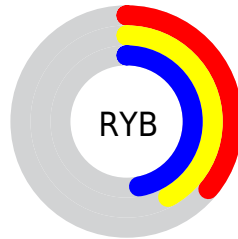
The XYZ color **13.7257, 16.5436, 17.2217** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.6497, 12.3247, 13.7168**, and the grayscale version is **14.7098, 15.4758, 16.8532**.

A 20% lighter version of the original color is **32.2398, 37.4852, 39.7186**, and **4.1891, 5.4008, 5.5243** is the 20% darker color. If you saturate the color by 10%, you get **12.4406, 15.9051, 16.0979**, and if you desaturate by 10%, it is **15.2068, 17.2830, 18.4024**.

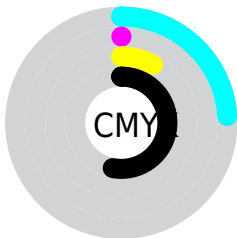
Distribution



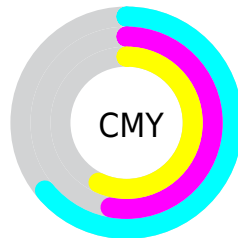
- Red (36%)
- Green (47%)
- Blue (43%)



- Red (36%)
- Yellow (42%)
- Blue (47%)



- Cyan (24%)
- Magenta (0%)
- Yellow (8%)
- Black (53%)



- Cyan (64%)
- Magenta (53%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7257, 16.5436, 17.2217 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 13.7257, 16.5436, 17.2217 by changing the saturation by 10% instead.

■ 13.7257, 16.5436,
17.2217

■ 13.7257, 16.5436,
17.2217

209.0626,
232.5284, 248.5338

■ 8.0106, 9.9096,
10.2291

■ 32.1919, 37.5394,
39.5024

■ 4.1536, 5.3391,
5.4435

■ 45.6736, 52.6700,
55.6276

■ 1.7894, 2.4476,
2.4465

■ 62.4749, 71.4016,
75.6340

■ 0.5113, 0.8502,
0.8116

■ 82.9612, 94.1186,
99.9402

■ 0.0000, 0.0000,
0.0000

107.4977,
121.2054, 128.9648

136.4499,

153.0463, 163.1262

170.1831,
190.0259, 202.8430

■ 13.7257, 16.5436,
17.2217

■ 13.7257, 16.5436,
17.2217

■ 12.4406, 15.9051,
16.0979

■ 15.2068, 17.2830,
18.4024

■ 11.3413, 15.3609,
15.0288

■ 16.8907, 18.1254,
19.6397

■ 10.4186, 14.9068,
14.0137

■ 18.7858, 19.0757,
20.9350

■ 9.6621, 14.5373,
13.0516

■ 20.8994, 20.1375,
22.2892

■ 9.0602, 14.2465,
12.1412

■ 23.2385, 21.3145,
23.7031

■ 8.5998, 14.0277,
11.2814

■ 25.8099, 22.6101,
25.1776

■ 8.2634, 13.8719,
10.4707

■ 28.6199, 24.0276,
26.7136

■ 8.0729, 13.7846,
9.9702

■ 31.6747, 25.5702,
28.3117

■ 34.9802, 27.2409,
29.9729

Harmonies

Analogous

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



14.1131, 16.5436, 14.5711



13.7257, 16.5436, 17.2217



13.8537, 16.5436, 20.4088

Triad

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



13.7257, 16.5436, 17.2217



16.5398, 16.5436, 24.1948



17.0474, 16.5436, 13.6425

Complementary

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



13.7257, 16.5436, 17.2217



13.6497, 12.3247, 13.7168

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.



17.7559, 16.5436, 15.8127



13.7257, 16.5436, 17.2217



17.4535, 16.5436, 21.9587

Square

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



13.7257, 16.5436, 17.2217



15.4454, 16.5436, 24.6852



17.9078, 16.5436, 18.8285



16.0064, 16.5436, 12.6668

Rectangle

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



13.7257, 16.5436, 17.2217



14.2170, 16.5436, 22.3953



17.9078, 16.5436, 18.8285



17.3343, 16.5436, 14.2435

Sweetspot

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



13.7262, 16.5443, 17.2221



29.1021, 31.8838, 34.3475



13.7782, 16.6781, 12.3908



6.8667, 7.5410, 8.1180



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



13.7262, 16.5443, 17.2221



23.3433, 29.0101, 29.7831



13.6997, 15.6667, 19.7555



3.7356, 4.1362, 4.4417



8.5721, 14.6428, 10.5688



41.3692, 71.1949, 49.3766

Inverse Universe

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



13.6497, 12.3247, 13.7168



23.1828, 20.1169, 22.3988



13.6491, 12.9828, 11.6843



3.7280, 3.7185, 4.0944



8.4548, 4.3156, 2.3372



40.8489, 20.8897, 9.5335

Previews

White Background



This preview shows how the XYZ color 13.7257, 16.5436, 17.2217 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 13.7257, 16.5436, 17.2217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

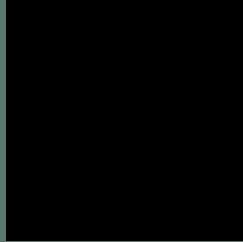
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.7257, 16.5436, 17.2217

Background



This preview shows how black text looks on a background with the XYZ color 13.7257, 16.5436, 17.2217.



This preview shows how white text looks on a background with the XYZ color 13.7257, 16.5436,

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

13.7257, 16.5436, 17.2217

Protanopia

15.5981, 16.3420, 15.9679

Deuteranopia

16.7054, 16.3922, 17.6128



Tritanopia

14.7433, 16.6086, 22.1674

Trichromacy



Original Color

13.7257, 16.5436, 17.2217

Protanomaly

14.8480, 16.4488, 16.3023

Deuteranomaly

15.4565, 16.4027, 17.3903

Tritanomaly

14.3828, 16.6401, 20.2231

Monochromacy



Original Color

13.7257, 16.5436, 17.2217

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.3131, 15.8196, 17.0510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7257, 16.5436, 17.2217 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(91, 119, 110)` looks like.

```
.text, #text, p{  
    color:rgb(91, 119, 110)  
}
```

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(91, 119, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 119, 110) }
```

Border

The CSS property to change the border of an element to XYZ 13.7257, 16.5436, 17.2217 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(91, 119, 110) }
```


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

```
.border{ border-color:rgb(91, 119, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 119, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 119, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 119, 110);  
box-shadow:4px 4px 4px 4px rgb(91, 119,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7257, 16.5436, 17.2217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 119, 110) }
```

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

```
.background{ background-color: rgb(91, 119,  
110) }
```

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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