

Converting Colors

XYZ(13.5201, 17.5438, 16.8611)

Have a look what the booklet for
XYZ(13.5201, 17.5438, 16.8611)
contains.

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Color

**XYZ(13.5201, 17.5438,
16.8611)**

Conversions

Conversions Part 1

Format	Color
Hex	527D6C
RGB	82, 125, 108
RGB Percent	32%, 49%, 42%
CMY	0.6784, 0.5098, 0.5765
CMYK	0.34, 0.00, 0.14, 0.51
HSL	156°, 21%, 41%
HSV	156°, 34%, 49%
XYZ	13.5201, 17.5438, 16.8611
YIQ	110.2050, -20.1710, -14.4030

Conversions

Conversions Part 2

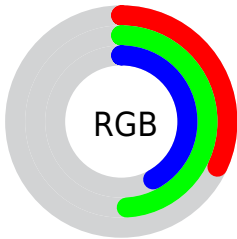
Format	Color
RYP	82, 109, 125
Decimal	5406060
CIELab	48.94, -18.90, 4.56
CIElCh	49, 19.442, 166.430
Yxy	17.5438, 0.2821, 0.3661
Android (android.graphics.Color)	4283596140 (0xFF527D6C)
YUV	110.2050, -1.0871, -24.7358
Hunter-Lab	41.8853, -15.6816, 5.4523

Details

The XYZ color **13.5201, 17.5438, 16.8611** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.7275, 11.2959, 13.2619**, and the grayscale version is **14.8875, 15.6628, 17.0568**.

A 20% lighter version of the original color is **31.8513, 39.3305, 38.7137**, and **4.0864, 5.8459, 5.3279** is the 20% darker color. If you saturate the color by 10%, you get **12.2750, 16.9320, 15.4687**, and if you desaturate by 10%, it is **14.9791, 18.2652, 18.3421**.

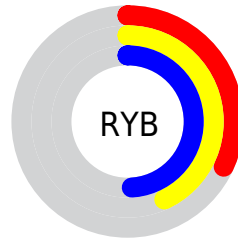
Distribution



Red (32%)

Green (49%)

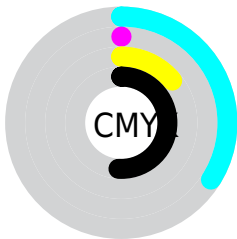
Blue (42%)



Red (32%)

Yellow (43%)

Blue (49%)

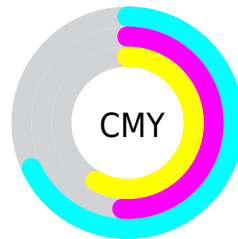


Cyan (34%)

Magenta (0%)

Yellow (14%)

Black (51%)



Cyan (68%)

Magenta (51%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5201, 17.5438, 16.8611 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 13.5201, 17.5438, 16.8611 by changing the saturation by 10% instead.

■ 13.5201, 17.5438,
16.8611

■ 13.5201, 17.5438,
16.8611

207.7955,
238.2869, 246.3875

■ 7.8671, 10.6230,
9.9746

■ 31.8285, 39.2584,
38.8742

■ 4.0611, 5.8139,
5.2767

■ 45.2146, 54.8210,
54.8378

■ 1.7368, 2.7323,
2.3490

■ 61.9091, 74.0329,
74.6643

■ 0.4791, 0.9936,
0.7585

■ 82.2774, 97.2786,
98.7721

■ 0.0000, 0.0000,
0.0000

■ 106.6849,
124.9425, 127.5798

135.4968,

157.4089, 161.5058

169.0785,
195.0623, 200.9689

■ 13.5201, 17.5438,
16.8611

■ 13.5201, 17.5438,
16.8611

■ 12.2750, 16.9320,
15.4687

■ 14.9791, 18.2652,
18.3421

■ 11.2315, 16.4218,
14.1619

■ 16.6608, 19.0991,
19.9123

■ 10.3778, 16.0079,
12.9393

■ 18.5752, 20.0512,
21.5737

■ 9.7007, 15.6834,
11.7989

■ 20.7312, 21.1261,
23.3279

■ 9.1849, 15.4404,
10.7386

■ 23.1374, 22.3281,
25.1766

■ 8.8092, 15.2681,
9.7560

■ 25.8017, 23.6613,
27.1211

■ 8.6239, 15.1839,
9.2374

■ 28.7318, 25.1297,
29.1630

■ 31.9351, 26.7370,
31.3037

■ 35.4187, 28.4868,
33.5447

Harmonies

Analogous

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



14.2819, 17.5438, 13.0315



13.5201, 17.5438, 16.8611



13.5592, 17.5438, 22.0573

Triad

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



13.5201, 17.5438, 16.8611



17.6771, 17.5438, 30.3252



19.1863, 17.5438, 12.7613

Complementary

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



13.5201, 17.5438, 16.8611



13.7275, 11.2959, 13.2619

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.



20.2346, 17.5438, 16.4236



13.5201, 17.5438, 16.8611



19.3212, 17.5438, 26.8147

Square

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



13.5201, 17.5438, 16.8611



15.8728, 17.5438, 30.5004



20.2857, 17.5438, 21.5336



17.5035, 17.5438, 10.9698

Rectangle

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



13.5201, 17.5438, 16.8611



14.0325, 17.5438, 25.6419



20.2857, 17.5438, 21.5336



19.6297, 17.5438, 13.7812

Sweetspot

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



13.5206, 17.5445, 16.8615



31.2081, 34.8831, 36.8737



14.0247, 17.9411, 10.7068



7.0108, 7.8910, 8.3104



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.



13.5206, 17.5445, 16.8615



22.4840, 30.5667, 28.2860



13.9829, 16.8772, 21.9235



4.3766, 4.8590, 5.1546



8.9968, 15.8453, 9.6221



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.7275, 11.2959, 13.2619



22.9135, 17.6497, 20.8538



13.3328, 11.6732, 9.5334



4.3927, 4.3702, 4.8725



9.4117, 4.7844, 3.4916



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.5201, 17.5438, 16.8611 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 13.5201, 17.5438, 16.8611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

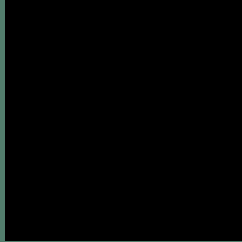
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 13.5201, 17.5438, 16.8611

Background



This preview shows how black text looks on a background with the XYZ color 13.5201, 17.5438, 16.8611.

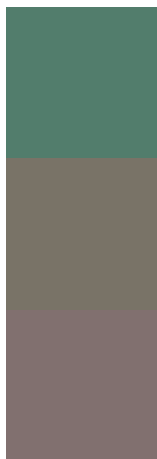


This preview shows how white text looks on a background with the XYZ color 13.5201, 17.5438,

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

13.5201, 17.5438, 16.8611

Protanopia

16.4641, 17.3057, 15.3045

Deuteranopia

17.7167, 17.4032, 17.4643



Tritanopia

14.9867, 17.5840, 24.0769

Trichromacy



Original Color

13.5201, 17.5438, 16.8611

Protanomaly

15.2100, 17.3394, 15.9098

Deuteranomaly

15.8579, 17.2931, 17.2540

Tritanomaly

14.4044, 17.5273, 21.3628

Monochromacy



Original Color

13.5201, 17.5438, 16.8611

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.1466, 16.0749, 16.8252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5201, 17.5438, 16.8611 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(82, 125, 108)` looks like.

```
.text, #text, p{  
    color:rgb(82, 125, 108)  
}
```

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(82, 125, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 125, 108) }
```

Border

The CSS property to change the border of an element to XYZ 13.5201, 17.5438, 16.8611 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(82, 125, 108) }
```


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

```
.border{ border-color:rgb(82, 125, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 125, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 125, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 125, 108);  
box-shadow:4px 4px 4px 4px rgb(82, 125,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5201, 17.5438, 16.8611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 125, 108) }
```

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

```
.background{ background-color: rgb(82, 125,  
108) }
```

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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