

Converting Colors

XYZ(13.6736, 17.6869, 17.4177)

Have a look what the booklet for
XYZ(13.6736, 17.6869, 17.4177)
contains.

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Color

**XYZ(13.6278, 17.5869,
17.4282)**

Conversions

Conversions Part 1

Format	Color
Hex	527D6E
RGB	82, 125, 110
RGB Percent	32%, 49%, 43%
CMY	0.6784, 0.5098, 0.5686
CMYK	0.34, 0.00, 0.12, 0.51
HSL	159°, 21%, 41%
HSV	159°, 34%, 49%
XYZ	13.6278, 17.5869, 17.4282
YIQ	110.4330, -20.8130, -13.7810

Conversions

Conversions Part 2

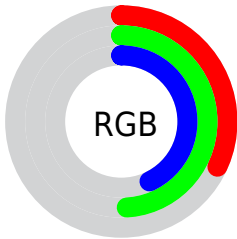
Format	Color
R_{YB}	82, 108, 125
Decimal	5406062
CIE _{Lab}	48.99, -18.44, 3.46
CIE _{LCh}	49, 18.760, 169.363
Yxy	17.5869, 0.2802, 0.3616
Android (android.graphics.Color)	4283596142 (0xFF527D6E)
YUV	110.4330, -0.2135, -24.9357
Hunter-Lab	41.9367, -15.3838, 4.7158

Details

The XYZ color **13.6278, 17.5869, 17.4282** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.6331, 11.2581, 12.7646**, and the grayscale version is **14.9508, 15.7294, 17.1293**.

A 20% lighter version of the original color is **32.1148, 39.4360, 40.1017**, and **4.1413, 5.8678, 5.6170** is the 20% darker color. If you saturate the color by 10%, you get **12.4067, 16.9847, 16.1622**, and if you desaturate by 10%, it is **15.0596, 18.2974, 18.7658**.

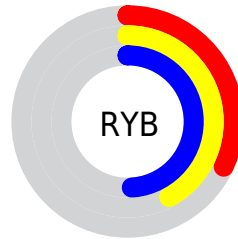
Distribution



Red (32%)

Green (49%)

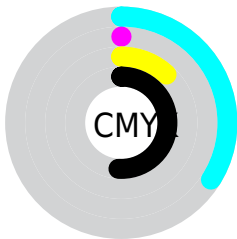
Blue (43%)



Red (32%)

Yellow (42%)

Blue (49%)

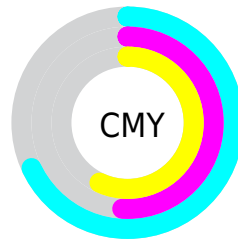


Cyan (34%)

Magenta (0%)

Yellow (12%)

Black (51%)



Cyan (68%)

Magenta (51%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.6278, 17.5869, 17.4282 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 13.6278, 17.5869, 17.4282 by changing the saturation by 10% instead.

■ 13.6278, 17.5869,
17.4282

■ 13.6278, 17.5869,
17.4282

208.4602,
238.5322, 249.7550

■ 7.9422, 10.6538,
10.3751

■ 32.0190, 39.3321,
39.8612

■ 4.1095, 5.8346,
5.5395

■ 45.4552, 54.9131,
56.0782

■ 1.7643, 2.7447,
2.5029

■ 62.2058, 74.1454,
76.1869

■ 0.4960, 1.0000,
0.8417

■ 82.6360, 97.4136,
100.6059

■ 0.0000, 0.0000,
0.0000

■ 107.1112,
125.1020, 129.7536

135.9967,

157.5949, 164.0487

169.6579,
195.2769, 203.9096

■ 13.6278, 17.5869,
17.4282

■ 13.6278, 17.5869,
17.4282

■ 12.4067, 16.9847,
16.1622

■ 15.0596, 18.2974,
18.7658

■ 11.3840, 16.4829,
14.9653

■ 16.7108, 19.1191,
20.1752

■ 10.5482, 16.0761,
13.8363

■ 18.5912, 20.0576,
21.6580

■ 9.8859, 15.7575,
12.7739

■ 20.7099, 21.1176,
23.2155

■ 9.3820, 15.5193,
11.7763

■ 23.0752, 22.3032,
24.8489

■ 9.0154, 15.3506,
10.8416

■ 25.6950, 23.6186,
26.5592

■ 8.8339, 15.2679,
10.3435

■ 28.5770, 25.0678,
28.3478

■ 31.7285, 26.6543,
30.2155

■ 35.1564, 28.3819,
32.1636

Harmonies

Analogous

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



14.2948, 17.5869, 13.5437



13.6278, 17.5869, 17.4282



13.7435, 17.5869, 22.5182

Triad

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



13.6278, 17.5869, 17.4282



17.8541, 17.5869, 29.7313



18.9996, 17.5869, 12.7388

Complementary

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



13.6278, 17.5869, 17.4282



13.6331, 11.2581, 12.7646

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.



20.0884, 17.5869, 16.1341



13.6278, 17.5869, 17.4282



19.3959, 17.5869, 26.1204

Square

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



13.6278, 17.5869, 17.4282



16.1036, 17.5869, 30.2420



20.2383, 17.5869, 20.9798



17.3434, 17.5869, 11.1668

Rectangle

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



13.6278, 17.5869, 17.4282



14.2516, 17.5869, 25.9195



20.2383, 17.5869, 20.9798



19.4489, 17.5869, 13.6741

Sweetspot

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



13.6283, 17.5876, 17.4286



31.2730, 34.9091, 37.2153



13.7923, 17.8214, 10.6959



7.0272, 7.8975, 8.3963



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.



13.6283, 17.5876, 17.4286



22.7100, 30.6571, 29.4760



13.7253, 16.3620, 21.8377



4.3847, 4.8622, 5.1969



9.2162, 15.9331, 10.7772



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.6331, 11.2581, 12.7646



22.7223, 17.5732, 19.8466



13.5078, 12.0232, 9.5917



4.3849, 4.3671, 4.8314



9.2908, 4.7360, 2.8550



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.6278, 17.5869, 17.4282 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 13.6278, 17.5869, 17.4282 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 13.6278, 17.5869, 17.4282

Background



This preview shows how black text looks on a background with the XYZ color 13.6278, 17.5869, 17.4282.

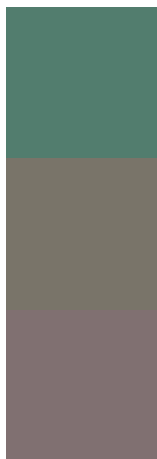


This preview shows how white text looks on a background with the XYZ color 13.6278, 17.5869,

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

13.6278, 17.5869, 17.4282

Protanopia

16.6804, 17.5757, 15.8779

Deuteranopia

17.6769, 17.3698, 18.0438



Tritanopia

15.0549, 17.6112, 24.4356

Trichromacy



Original Color

13.6278, 17.5869, 17.4282

Protanomaly

15.3141, 17.3810, 16.4576

Deuteranomaly

15.8415, 17.2719, 17.8281

Tritanomaly

14.4674, 17.5524, 21.6942

Monochromacy



Original Color

13.6278, 17.5869, 17.4282

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.2007, 16.0966, 17.1103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6278, 17.5869, 17.4282 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, 110)` looks like.

```
.text, #text, p{  
    color:rgb(82, 125, 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(82, 125, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 125, 110) }
```

Border

The CSS property to change the border of an element to XYZ 13.6278, 17.5869, 17.4282 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, 110) }
```


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

```
.border{ border-color:rgb(82, 125, 110) }
```

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, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 125, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 125, 110);  
box-shadow:4px 4px 4px 4px rgb(82, 125,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6278, 17.5869, 17.4282 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, 110) }
```

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

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