

Converting Colors

XYZ(10.8027, 13.9764, 17.8120)

Have a look what the booklet for
XYZ(10.8027, 13.9764, 17.8120)
contains.

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Color

**XYZ(10.8102, 13.9946,
17.7543)**

Conversions

Conversions Part 1

Format	Color
Hex	3D7171
RGB	61, 113, 113
RGB Percent	24%, 44%, 44%
CMY	0.7608, 0.5569, 0.5569
CMYK	0.46, 0.00, 0.00, 0.56
HSL	180°, 30%, 34%
HSV	180°, 46%, 44%
XYZ	10.8102, 13.9946, 17.7543
YIQ	97.4520, -30.9920, -11.0240

Conversions

Conversions Part 2

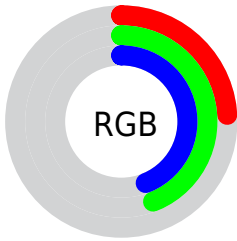
Format	Color
R_{YB}	61, 87, 113
Decimal	4026737
CIE _{Lab}	44.23, -17.34, -5.43
CIE _{LCh}	44, 18.168, 197.382
Yxy	13.9946, 0.2540, 0.3288
Android (android.graphics.Color)	4282216817 (0xFF3D7171)
YUV	97.4520, 7.6652, -31.9684
Hunter-Lab	37.4094, -13.8851, -1.9522

Details

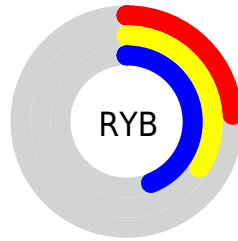
The XYZ color **10.8102, 13.9946, 17.7543** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.3215, 7.1855, 5.3109**, and the grayscale version is **11.4611, 12.0579, 13.1311**.

A 20% lighter version of the original color is **26.9288, 33.0716, 40.5615**, and **2.8945, 4.1881, 5.6568** is the 20% darker color. If you saturate the color by 10%, you get **10.1868, 13.6735, 17.7254**, and if you desaturate by 10%, it is **11.5811, 14.3923, 17.7908**.

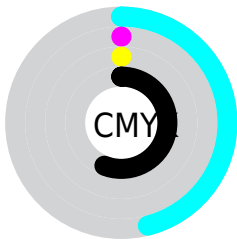
Distribution



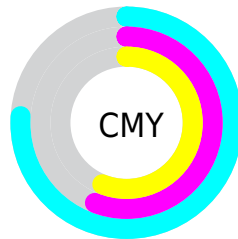
- Red (24%)
- Green (44%)
- Blue (44%)



- Red (24%)
- Yellow (34%)
- Blue (44%)



- Cyan (46%)
- Magenta (0%)
- Yellow (0%)
- Black (56%)



- Cyan (76%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.8102, 13.9946, 17.7543 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 10.8102, 13.9946, 17.7543 by changing the saturation by 10% instead.

■ 10.8102, 13.9946,
17.7543

■ 10.8102, 13.9946,
17.7543

■ 190.2960,
217.1972, 251.6719

■ 6.0057, 8.1169,
10.6061

■ 26.9447, 33.0794,
40.4265

■ 2.8892, 4.1698,
5.6918

■ 39.0055, 47.0554,
56.7876

■ 1.0955, 1.7690,
2.5929

■ 54.2157, 64.4995,
77.0567

■ 0.0213, 0.4678,
0.8888

■ 72.9407, 85.7963,
101.6524

■ 0.0000, 0.0000,
0.0000

■ 95.5459, 111.3301,
130.9932

■ 122.3966,

141.4852, 165.4977

153.8582,
176.6461, 205.5845

■ 10.8102, 13.9946,
17.7543

■ 10.8102, 13.9946,
17.7543

■ 10.1868, 13.6735,
17.7254

■ 11.5811, 14.3923,
17.7908

■ 9.7002, 13.4227,
17.7025

■ 12.5067, 14.8695,
17.8341

■ 9.3407, 13.2374,
17.6856

■ 13.5953, 15.4307,
17.8852

■ 9.0963, 13.1114,
17.6741

■ 14.8540, 16.0796,
17.9441

■ 8.9423, 13.0320,
17.6668

■ 16.2900, 16.8198,
18.0114

■ 8.8860, 13.0030,
17.6642

■ 17.9095, 17.6547,
18.0873

■ 19.7187, 18.5874,
18.1720

■ 21.7236, 19.6210,
18.2659

■ 23.9298, 20.7583,
18.3692

Harmonies

Analogous

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



10.7580, 13.9946, 13.5564



10.8102, 13.9946, 17.7543



11.4986, 13.9946, 21.9141

Triad

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



10.8102, 13.9946, 17.7543



15.4643, 13.9946, 21.3206



13.9209, 13.9946, 8.6893

Complementary

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



10.8102, 13.9946, 17.7543



9.3215, 7.1855, 5.3109

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.



15.2835, 13.9946, 10.0771



10.8102, 13.9946, 17.7543



16.2172, 13.9946, 17.0526

Square

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



10.8102, 13.9946, 17.7543



14.1534, 13.9946, 24.2165



16.1487, 13.9946, 12.9710



12.4844, 13.9946, 8.8082

Rectangle

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



10.8102, 13.9946, 17.7543



12.2560, 13.9946, 23.8778



16.1487, 13.9946, 12.9710



14.4047, 13.9946, 8.9827

Sweetspot

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



10.8106, 13.9951, 17.7546



24.6929, 27.8103, 32.0418



8.7261, 13.1675, 6.4968



5.6276, 6.3888, 7.4062



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.



10.8106, 13.9951, 17.7546



18.1958, 24.4610, 31.7372



8.3843, 9.1423, 16.9461



3.4750, 3.8152, 4.3075



10.0794, 14.7493, 20.0364



50.2097, 73.4725, 99.8101

Inverse Universe

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



9.3215, 7.1855, 5.3109



15.1753, 10.6481, 6.4962



10.9913, 10.5250, 5.8673



3.3845, 3.4015, 3.5515



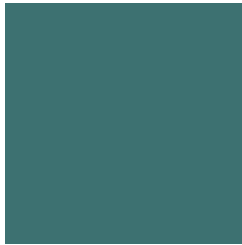
7.7250, 3.9824, 0.3616



38.4814, 19.8379, 1.8010

Previews

White Background



This preview shows how the XYZ color 10.8102, 13.9946, 17.7543 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 10.8102, 13.9946, 17.7543 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 10.8102, 13.9946, 17.7543

Background



This preview shows how black text looks on a background with the XYZ color 10.8102, 13.9946, 17.7543.



This preview shows how white text looks on a background with the XYZ color 10.8102, 13.9946,

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

10.8102, 13.9946, 17.7543

Protanopia

13.4299, 13.9654, 15.8977

Deuteranopia

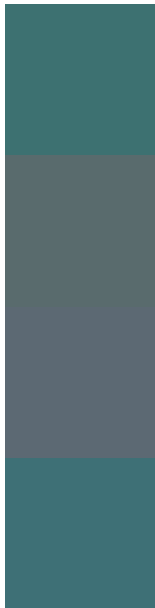
14.1127, 13.8195, 18.4466



Tritanopia

11.2953, 14.0256, 20.2010

Trichromacy



Original Color

10.8102, 13.9946, 17.7543

Protanomaly

12.1378, 13.7434, 16.4810

Deuteranomaly

12.5597, 13.6163, 18.1859

Tritanomaly

11.0508, 13.9205, 19.2440

Monochromacy



Original Color

10.8102, 13.9946, 17.7543

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.9546, 12.5646, 14.6798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8102, 13.9946, 17.7543 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(61, 113, 113)` looks like.

```
.text, #text, p{  
    color:rgb(61, 113, 113)  
}
```

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(61, 113, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 113, 113) }
```

Border

The CSS property to change the border of an element to XYZ 10.8102, 13.9946, 17.7543 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(61, 113, 113) }
```


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

```
.border{ border-color:rgb(61, 113, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 113, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 113, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 113, 113);  
box-shadow:4px 4px 4px 4px rgb(61, 113,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8102, 13.9946, 17.7543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 113, 113) }
```

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

```
.background{ background-color: rgb(61, 113,  
113) }
```

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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