

Converting Colors

XYZ(10.0654, 13.1488, 13.8169)

Have a look what the booklet for
XYZ(10.0654, 13.1488, 13.8169)
contains.

XYZ(10.0748, 13.2110, 13.8234)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(10.0748, 13.2110,
13.8234)**

Conversions

Conversions Part 1

Format	Color
Hex	426E63
RGB	66, 110, 99
RGB Percent	26%, 43%, 39%
CMY	0.7412, 0.5686, 0.6118
CMYK	0.40, 0.00, 0.10, 0.57
HSL	165°, 25%, 35%
HSV	165°, 40%, 43%
XYZ	10.0748, 13.2110, 13.8234
YIQ	95.5900, -22.6930, -12.7490

Conversions

Conversions Part 2

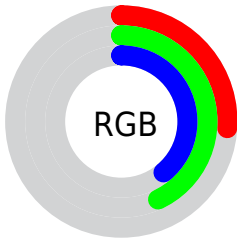
Format	Color
RYB	66, 91, 110
Decimal	4353635
CIELab	43.08, -18.02, 1.34
CIElCh	43, 18.073, 175.741
Yxy	13.2110, 0.2715, 0.3560
Android (android.graphics.Color)	4282543715 (0xFF426E63)
YUV	95.5900, 1.6811, -25.9504
Hunter-Lab	36.3469, -14.1298, 2.8938

Details

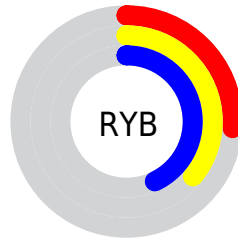
The XYZ color **10.0748, 13.2110, 13.8234** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.7186, 7.7475, 8.0047**, and the grayscale version is **11.0193, 11.5932, 12.6250**.

A 20% lighter version of the original color is **25.6278, 31.7557, 33.6329**, and **2.5964, 3.8215, 3.9689** is the 20% darker color. If you saturate the color by 10%, you get **9.2746, 12.8138, 13.1114**, and if you desaturate by 10%, it is **11.0228, 13.6846, 14.5662**.

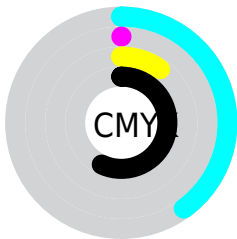
Distribution



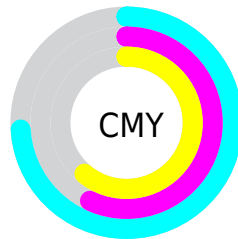
- Red (26%)
- Green (43%)
- Blue (39%)



- Red (26%)
- Yellow (36%)
- Blue (43%)



- Cyan (40%)
- Magenta (0%)
- Yellow (10%)
- Black (57%)



- Cyan (74%)
- Magenta (57%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.0748, 13.2110, 13.8234 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 10.0748, 13.2110, 13.8234 by changing the saturation by 10% instead.

■ 10.0748, 13.2110,
13.8234

■ 10.0748, 13.2110,
13.8234

185.2476,
212.2655, 227.5195

■ 5.5112, 7.5740,
7.8606

■ 25.5845, 31.6823,
33.4880

■ 2.5880, 3.8236,
3.9194

■ 37.2613, 45.2855,
48.0268

■ 0.9399, 1.5754,
1.5812

■ 52.0400, 62.3128,
66.2614

■ 0.0000, 0.3409,
0.2774

■ 70.2858, 83.1486,
88.6102

■ 0.0000, 0.0000,
0.0000

■ 92.3641, 108.1774,
115.4920

118.6402,

137.7836, 147.3250

149.4796,
172.3515, 184.5280

■ 10.0748, 13.2110,
13.8234

■ 10.0748, 13.2110,
13.8234

■ 9.2746, 12.8138,
13.1114

■ 11.0228, 13.6846,
14.5662

■ 8.6129, 12.4871,
12.4288

■ 12.1250, 14.2368,
15.3396

■ 8.0810, 12.2267,
11.7752


■ 13.3890, 14.8720,
16.1444


■ 7.6685, 12.0275,
11.1499


■ 14.8214, 15.5933,
16.9811

■ 7.3638, 11.8834,
10.5520


■ 16.4283, 16.4041,
17.8503

 7.1183, 11.7692,
9.9792

 18.2157, 17.3075,
18.7524

 20.1893, 18.3063,
19.6879

 22.3545, 19.4032,
20.6572

 24.7163, 20.6010,
21.6609

Harmonies

Analogous

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



10.4741, 13.2110, 10.4905



10.0748, 13.2110, 13.8234



10.2991, 13.2110, 17.9727

Triad

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



10.0748, 13.2110, 13.8234



13.7539, 13.2110, 22.4424



14.1226, 13.2110, 8.9389

Complementary

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



10.0748, 13.2110, 13.8234



9.7186, 7.7475, 8.0047

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.



15.1221, 13.2110, 11.3089



10.0748, 13.2110, 13.8234



14.8985, 13.2110, 19.1395

Square

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



10.0748, 13.2110, 13.8234



12.3592, 13.2110, 23.4507



15.4159, 13.2110, 14.9606



12.7562, 13.2110, 8.0203

Rectangle

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



10.0748, 13.2110, 13.8234



10.7817, 13.2110, 20.5945



15.4159, 13.2110, 14.9606



14.5164, 13.2110, 9.5682

Sweetspot

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



10.0752, 13.2115, 13.8237



22.9721, 25.8450, 28.0188



9.6797, 13.1542, 7.1832



5.2993, 5.9909, 6.4912



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



10.0752, 13.2115, 13.8237



16.3804, 22.5486, 23.1137



9.5932, 11.3478, 16.4373



3.4411, 3.8016, 4.1289



8.5390, 14.1331, 11.9251



42.1785, 70.2600, 57.5187

Inverse Universe

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



9.7186, 7.7475, 8.0047



15.6644, 11.5158, 11.3839



10.0170, 8.9143, 6.3470



3.4156, 3.4139, 3.7151



7.9588, 4.0759, 1.5932



39.3465, 20.1839, 6.3569

Previews

White Background



This preview shows how the XYZ color 10.0748, 13.2110, 13.8234 looks on a white background.

Color Contrast Check

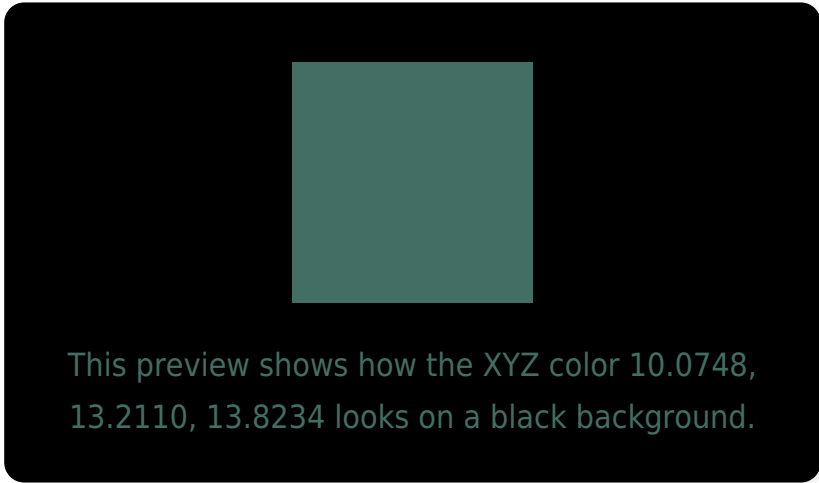
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

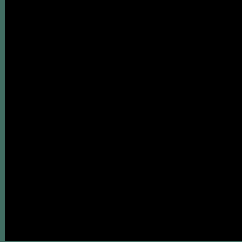
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.0748, 13.2110, 13.8234

Background



This preview shows how black text looks on a background with the XYZ color 10.0748, 13.2110, 13.8234.



This preview shows how white text looks on a background with the XYZ color 10.0748, 13.2110,

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

10.0748, 13.2110, 13.8234

Protanopia

12.4998, 13.1188, 12.4630

Deuteranopia

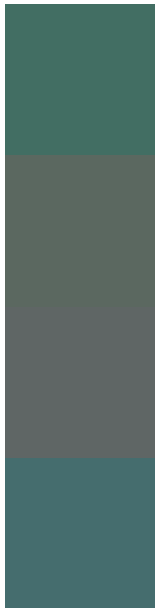
13.3215, 13.0742, 14.3918



Tritanopia

11.0407, 13.2882, 18.5060

Trichromacy



Original Color

10.0748, 13.2110, 13.8234

Protanomaly

11.3760, 12.9693, 12.9701

Deuteranomaly

11.8196, 12.8752, 14.1741

Tritanomaly

10.7374, 13.3283, 16.7585

Monochromacy



Original Color

10.0748, 13.2110, 13.8234

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.5577, 12.1017, 13.0887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0748, 13.2110, 13.8234 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(66, 110, 99) looks like.

```
.text, #text, p{  
    color:rgb(66, 110, 99)  
}
```

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(66, 110, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 110, 99) }
```

Border

The CSS property to change the border of an element to XYZ 10.0748, 13.2110, 13.8234 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(66, 110, 99) }
```


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

```
.border{ border-color:rgb(66, 110, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 110, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 110, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 110, 99);  
box-shadow:4px 4px 4px 4px rgb(66, 110,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 10.0748, 13.2110, 13.8234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 110, 99) }
```

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

```
.background{ background-color: rgb(66, 110,  
99) }
```

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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