

Converting Colors

XYZ(10.0548, 13.8382, 14.0512)

Have a look what the booklet for
XYZ(10.0548, 13.8382, 14.0512)
contains.

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Color

**XYZ(10.0731, 13.8653,
13.9497)**

Conversions

Conversions Part 1

Format	Color
Hex	3B7263
RGB	59, 114, 99
RGB Percent	23%, 45%, 39%
CMY	0.7686, 0.5529, 0.6118
CMYK	0.48, 0.00, 0.13, 0.55
HSL	164°, 32%, 34%
HSV	164°, 48%, 45%
XYZ	10.0731, 13.8653, 13.9497
YIQ	95.8450, -27.9650, -16.3250

Conversions

Conversions Part 2

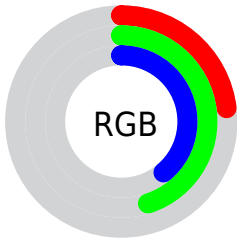
Format	Color
RYB	59, 91, 114
Decimal	3895907
CIELab	44.04, -22.17, 2.69
CIELCh	44, 22.336, 173.079
Yxy	13.8653, 0.2659, 0.3660
Android (android.graphics.Color)	4282085987 (0xFF3B7263)
YUV	95.8450, 1.5554, -32.3131
Hunter-Lab	37.2361, -16.8755, 3.8536

Details

The XYZ color **10.0731, 13.8653, 13.9497** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.7399, 7.2002, 7.3556**, and the grayscale version is **11.0822, 11.6593, 12.6970**.

A 20% lighter version of the original color is **25.5716, 32.7894, 33.8354**, and **2.6284, 4.1728, 4.0351** is the 20% darker color. If you saturate the color by 10%, you get **9.3241, 13.4964, 13.1537**, and if you desaturate by 10%, it is **10.9762, 14.3137, 14.7834**.

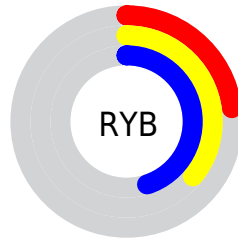
Distribution



Red (23%)

Green (45%)

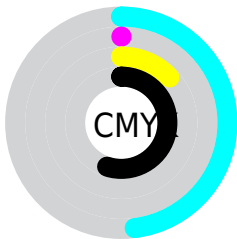
Blue (39%)



Red (23%)

Yellow (36%)

Blue (45%)

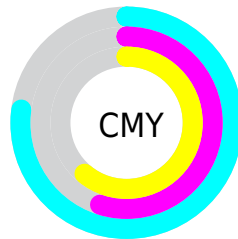


Cyan (48%)

Magenta (0%)

Yellow (13%)

Black (55%)



Cyan (77%)

Magenta (55%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.0731, 13.8653, 13.9497 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 10.0731, 13.8653, 13.9497 by changing the saturation by 10% instead.

10.0731, 13.8653,
13.9497

10.0731, 13.8653,
13.9497

185.2357,
216.3912, 228.3352

5.5101, 8.0270,
7.9473

25.5813, 32.8498,
33.7156

2.5873, 4.1123,
3.9740

37.2573, 46.7649,
48.3162

0.9395, 1.7366,
1.6111

52.0349, 64.1410,
66.6200

0.0000, 0.4472,
0.2987

70.2796, 85.3626,
89.0455

0.0000, 0.0000,
0.0000

92.3566, 110.8140,
116.0112

118.6314,

140.8796, 147.9357

149.4693,
175.9439, 185.2375

■ 10.0731, 13.8653,
13.9497

■ 10.0731, 13.8653,
13.9497

■ 9.3241, 13.4964,
13.1537

■ 10.9762, 14.3137,
14.7834

■ 8.7183, 13.2003,
12.3937

■ 12.0412, 14.8446,
15.6545

■ 8.2451, 12.9719,
11.6692

■ 13.2767, 15.4626,
16.5642

■ 7.8920, 12.8048,
10.9791

■ 14.6902, 16.1718,
17.5130

■ 7.6215, 12.6796,
10.3214

■ 16.2890, 16.9758,
18.5017

■ 7.5753, 12.6582,
10.2090

■ 18.0799, 17.8781,
19.5309

■ 20.0692, 18.8820,
20.6011

■ 22.2631, 19.9906,
21.7130

■ 24.6674, 21.2070,
22.8671

Harmonies

Analogous

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



10.6345, 13.8653, 9.9545



10.0731, 13.8653, 13.9497



10.2820, 13.8653, 19.2609

Triad

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



10.0731, 13.8653, 13.9497



14.5619, 13.8653, 25.9900



15.3365, 13.8653, 8.5544

Complementary

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



10.0731, 13.8653, 13.9497



9.7399, 7.2002, 7.3556

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.



16.5736, 13.8653, 11.5811



10.0731, 13.8653, 13.9497



16.0991, 13.8653, 21.7612

Square

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



10.0731, 13.8653, 13.9497



12.7716, 13.8653, 27.0246



16.8645, 13.8653, 16.3054



13.5940, 13.8653, 7.3253

Rectangle

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



10.0731, 13.8653, 13.9497



10.8400, 13.8653, 22.8036



16.8645, 13.8653, 16.3054



15.8313, 13.8653, 9.3577

Sweetspot

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



10.0735, 13.8659, 13.9500



24.2570, 27.6360, 29.7464



9.6764, 13.8301, 6.2975



5.5153, 6.3438, 6.8148



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.



10.0735, 13.8659, 13.9500



16.2382, 23.6444, 22.9439



9.6009, 11.6644, 17.6657



3.4380, 3.8004, 4.1130



8.4253, 14.0876, 11.3264



41.5944, 70.0264, 54.4426

Inverse Universe

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



9.7399, 7.2002, 7.3556



15.5840, 10.4088, 9.8898



9.9773, 8.3895, 5.2315



3.4184, 3.4151, 3.7302



7.9951, 4.0904, 1.7843



39.5085, 20.2487, 7.2098

Previews

White Background



This preview shows how the XYZ color 10.0731, 13.8653, 13.9497 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 10.0731, 13.8653, 13.9497 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 10.0731, 13.8653, 13.9497

Background



This preview shows how black text looks on a background with the XYZ color 10.0731, 13.8653, 13.9497.



This preview shows how white text looks on a background with the XYZ color 10.0731, 13.8653,

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

10.0731, 13.8653, 13.9497

Protanopia

13.0104, 13.6790, 12.3105

Deuteranopia

13.8949, 13.6511, 14.4730



Tritanopia

11.2546, 13.8488, 19.8492

Trichromacy



Original Color

10.0731, 13.8653, 13.9497

Protanomaly

11.5397, 13.5153, 12.8270

Deuteranomaly

12.0166, 13.4224, 14.2694

Tritanomaly

10.7687, 13.8150, 17.4282

Monochromacy



Original Color

10.0731, 13.8653, 13.9497

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.5752, 12.4026, 13.1458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0731, 13.8653, 13.9497 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(59, 114, 99)` looks like.

```
.text, #text, p{  
    color:rgb(59, 114, 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(59, 114, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 114, 99) }
```

Border

The CSS property to change the border of an element to XYZ 10.0731, 13.8653, 13.9497 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(59, 114, 99) }
```


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

```
.border{ border-color:rgb(59, 114, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 114, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 114, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 114, 99);  
box-shadow:4px 4px 4px 4px rgb(59, 114,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 10.0731, 13.8653, 13.9497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 114, 99) }
```

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

```
.background{ background-color: rgb(59, 114,  
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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