

Converting Colors

XYZ(10.8616, 13.4809, 14.1281)

Have a look what the booklet for
XYZ(10.8616, 13.4809, 14.1281)
contains.

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Color

**XYZ(10.8295, 13.4352,
14.0791)**

Conversions

Conversions Part 1

Format	Color
Hex	4D6D64
RGB	77, 109, 100
RGB Percent	30%, 43%, 39%
CMY	0.6980, 0.5725, 0.6078
CMYK	0.29, 0.00, 0.08, 0.57
HSL	163°, 17%, 36%
HSV	163°, 29%, 43%
XYZ	10.8295, 13.4352, 14.0791
YIQ	98.4060, -16.1830, -9.5830

Conversions

Conversions Part 2

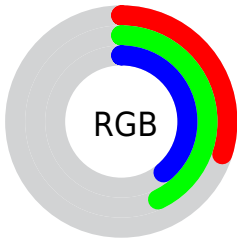
Format	Color
RYB	77, 96, 109
Decimal	5074276
CIELab	43.41, -13.69, 1.30
CIElCh	43, 13.750, 174.579
Yxy	13.4352, 0.2824, 0.3504
Android (android.graphics.Color)	4283264356 (0xFF4D6D64)
YUV	98.4060, 0.7858, -18.7731
Hunter-Lab	36.6541, -11.4065, 2.8841

Details

The XYZ color **10.8295, 13.4352, 14.0791** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.6408, 9.2313, 10.0257**, and the grayscale version is **11.7120, 12.3220, 13.4186**.

A 20% lighter version of the original color is **27.0832, 32.2361, 34.0729**, and **2.8764, 3.8858, 3.9666** is the 20% darker color. If you saturate the color by 10%, you get **9.8771, 12.9614, 13.2746**, and if you desaturate by 10%, it is **11.9356, 13.9883, 14.9206**.

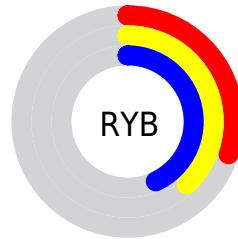
Distribution



 Red (30%)

 Green (43%)

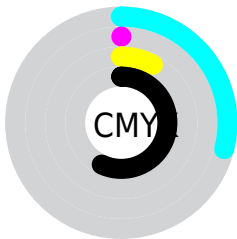
 Blue (39%)



 Red (30%)

 Yellow (38%)

 Blue (43%)

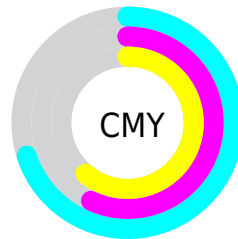


 Cyan (29%)

 Magenta (0%)

 Yellow (8%)

 Black (57%)



 Cyan (70%)

 Magenta (57%)

 Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.8295, 13.4352, 14.0791 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 10.8295, 13.4352, 14.0791 by changing the saturation by 10% instead.

■ 10.8295, 13.4352,
14.0791

■ 10.8295, 13.4352,
14.0791

190.4266,
213.6883, 229.1679

■ 6.0187, 7.7289,
8.0363

■ 26.9802, 32.0835,
33.9485

■ 2.8973, 3.9220,
4.0301

■ 39.0509, 45.7942,
48.6121

■ 1.0997, 1.6300,
1.6419

■ 54.2722, 62.9419,
66.9865

■ 0.0248, 0.3777,
0.3204

■ 73.0096, 83.9109,
89.4901

■ 0.0000, 0.0000,
0.0000

■ 95.6284, 109.0857,
116.5415

122.4939,

138.8506, 148.5593

153.9715,
173.5900, 185.9619

■ 10.8295, 13.4352,
14.0791

■ 10.8295, 13.4352,
14.0791

■ 9.8771, 12.9614,
13.2746

■ 11.9356, 13.9883,
14.9206

■ 9.0700, 12.5615,
12.5054

■ 13.2013, 14.6227,
15.7987

■ 8.4004, 12.2319,
11.7712

■ 14.6334, 15.3421,
16.7144

■ 7.8595, 11.9680,
11.0712

■ 16.2379, 16.1498,
17.6682

■ 7.4375, 11.7648,
10.4047

■ 18.0206, 17.0488,
18.6608

■ 7.1230, 11.6163,
9.7707

■ 19.9872, 18.0418,
19.6926

■ 6.8722, 11.5001,
9.1669

■ 22.1428, 19.1315,
20.7643

■ 6.8563, 11.4928,
9.1291

■ 24.4924, 20.3206,
21.8763

■ 27.0411, 21.6116,
23.0291

Harmonies

Analogous

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



11.1658, 13.4352, 11.4731



10.8295, 13.4352, 14.0791



10.9890, 13.4352, 17.2183

Triad

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



10.8295, 13.4352, 14.0791



13.6446, 13.4352, 20.6664



13.9994, 13.4352, 10.3340

Complementary

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



10.8295, 13.4352, 14.0791



10.6408, 9.2313, 10.0257

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.



14.7332, 13.4352, 12.3126



10.8295, 13.4352, 14.0791



14.5204, 13.4352, 18.3155

Square

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



10.8295, 13.4352, 14.0791



12.5764, 13.4352, 21.3119



14.9289, 13.4352, 15.1923



12.9651, 13.4352, 9.5128

Rectangle

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



10.8295, 13.4352, 14.0791



11.3599, 13.4352, 19.1653



14.9289, 13.4352, 15.1923



14.2917, 13.4352, 10.8712

Sweetspot

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



10.8299, 13.4357, 14.0794



23.6641, 26.1961, 28.3061



10.6526, 13.4553, 9.0571



5.4438, 6.0644, 6.5449



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.



10.8299, 13.4357, 14.0794



18.2337, 23.4808, 24.2501



10.5793, 12.1983, 16.2656



3.1473, 3.4781, 3.7594



8.0085, 13.4375, 10.6219



40.4226, 68.3161, 52.0996

Inverse Universe

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



10.6408, 9.2313, 10.0257



17.8391, 14.6779, 15.7694



10.8119, 10.1178, 8.4045



3.1315, 3.1295, 3.4229



7.6509, 3.9125, 1.7904



38.6562, 19.8044, 7.3925

Previews

White Background



This preview shows how the XYZ color 10.8295, 13.4352, 14.0791 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 10.8295, 13.4352, 14.0791 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 10.8295, 13.4352, 14.0791

Background



This preview shows how black text looks on a background with the XYZ color 10.8295, 13.4352, 14.0791.



This preview shows how white text looks on a background with the XYZ color 10.8295, 13.4352,

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

10.8295, 13.4352, 14.0791

Protanopia

12.8065, 13.4114, 12.9800

Deuteranopia

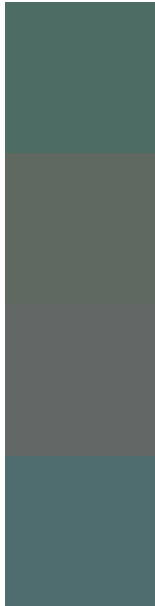
13.5422, 13.3277, 14.4291



Tritanopia

11.6605, 13.4587, 18.2029

Trichromacy



Original Color

10.8295, 13.4352, 14.0791

Protanomaly

11.9286, 13.3991, 13.2668

Deuteranomaly

12.3448, 13.2927, 14.2270

Tritanomaly

11.4015, 13.5132, 16.7592

Monochromacy



Original Color

10.8295, 13.4352, 14.0791

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.2200, 12.5773, 13.6407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8295, 13.4352, 14.0791 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(77, 109, 100)` looks like.

```
.text, #text, p{  
    color:rgb(77, 109, 100)  
}
```

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(77, 109, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 109, 100) }
```

Border

The CSS property to change the border of an element to XYZ 10.8295, 13.4352, 14.0791 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(77, 109, 100) }
```


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

```
.border{ border-color:rgb(77, 109, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 109, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 109, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 109, 100);  
box-shadow:4px 4px 4px 4px rgb(77, 109,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8295, 13.4352, 14.0791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 109, 100) }
```

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

```
.background{ background-color: rgb(77, 109,  
100) }
```

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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