

Converting Colors

XYZ(10.6521, 13.8559, 14.3815)

Have a look what the booklet for
XYZ(10.6521, 13.8559, 14.3815)
contains.

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Color

**XYZ(10.6689, 13.8300,
14.4191)**

Conversions

Conversions Part 1	
Format	Color
Hex	467065
RGB	70, 112, 101
RGB Percent	27%, 44%, 40%
CMY	0.7255, 0.5608, 0.6039
CMYK	0.38, 0.00, 0.10, 0.56
HSL	164°, 23%, 36%
HSV	164°, 38%, 44%
XYZ	10.6689, 13.8300, 14.4191
YIQ	98.1880, -21.5010, -12.3250

Conversions

Conversions Part 2

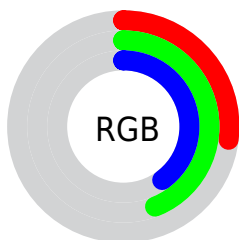
Format	Color
RYB	70, 94, 112
Decimal	4616293
CIELab	43.99, -17.38, 1.49
CIELCh	44, 17.440, 175.115
Yxy	13.8300, 0.2741, 0.3554
Android (android.graphics.Color)	4282806373 (0xFF467065)
YUV	98.1880, 1.3863, -24.7209
Hunter-Lab	37.1887, -13.8712, 3.0437

Details

The XYZ color **10.6689, 13.8300, 14.4191** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.3579, 8.4195, 8.8642**, and the grayscale version is **11.6570, 12.2641, 13.3556**.

A 20% lighter version of the original color is **26.6887, 32.8110, 34.6323**, and **2.8301, 4.1037, 4.1330** is the 20% darker color. If you saturate the color by 10%, you get **9.7941, 13.3957, 13.6414**, and if you desaturate by 10%, it is **11.7004, 14.3452, 15.2315**.

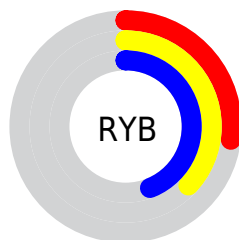
Distribution



Red (27%)

Green (44%)

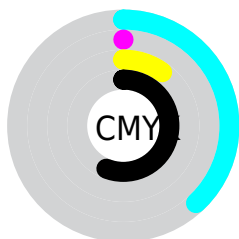
Blue (40%)



Red (27%)

Yellow (37%)

Blue (44%)

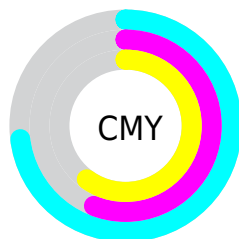


Cyan (38%)

Magenta (0%)

Yellow (10%)

Black (56%)



Cyan (73%)


Magenta (56%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.6689, 13.8300, 14.4191 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 10.6689, 13.8300, 14.4191 by changing the saturation by 10% instead.


 10.6689, 13.8300,
14.4191


 10.6689, 13.8300,
14.4191


189.3373,
216.1707, 231.3411


 5.9103, 8.0025,
8.2707


 26.6847, 32.7871,
34.5586


 2.8308, 4.0966,
4.1784

 38.6726, 46.6855,
49.3867


 1.0649, 1.7277,
1.7237

 53.8009, 64.0430,
67.9452

 0.0000, 0.4415,
0.3769

 72.4351, 85.2440,
90.6525

 0.0000, 0.0000,
0.0000

 94.9405, 110.6728,
117.9272

121.6824,

140.7140, 150.1878

153.0262,
175.7518, 187.8530

■ 10.6689, 13.8300,
14.4191

■ 10.6689, 13.8300,
14.4191

■ 9.7941, 13.3957,
13.6414

■ 11.7004, 14.3452,
15.2315

■ 9.0662, 13.0362,
12.8968

■ 12.8952, 14.9436,
16.0784

■ 8.4766, 12.7473,
12.1849


■ 14.2609, 15.6296,
16.9605


■ 8.0147, 12.5238,
11.5049


■ 15.8044, 16.4066,
17.8786


■ 7.6687, 12.3594,
10.8560


■ 17.5321, 17.2779,
18.8332


 7.4063, 12.2376,
10.2364

 19.4501, 18.2467,
19.8248

 7.3429, 12.2082,
10.0856

 21.5643, 19.3160,
20.8539

 23.8802, 20.4887,
21.9211

 26.4033, 21.7675,
23.0268

Harmonies

Analogous

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



11.0816, 13.8300, 11.1084



10.6689, 13.8300, 14.4191



10.8807, 13.8300, 18.5287

Triad

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



10.6689, 13.8300, 14.4191



14.3066, 13.8300, 23.0627



14.7257, 13.8300, 9.6342

Complementary

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



10.6689, 13.8300, 14.4191



10.3579, 8.4195, 8.8642

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.



15.7035, 13.8300, 12.0512



10.6689, 13.8300, 14.4191



15.4499, 13.8300, 19.8490

Square

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



10.6689, 13.8300, 14.4191



12.9198, 13.8300, 23.9952



15.9773, 13.8300, 15.7166



13.3728, 13.8300, 8.6723

Rectangle

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



10.6689, 13.8300, 14.4191



11.3559, 13.8300, 21.1264



15.9773, 13.8300, 15.7166



15.1128, 13.8300, 10.2804

Sweetspot

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



10.6693, 13.8306, 14.4194



24.1070, 26.9813, 29.2000



10.3106, 13.7893, 7.9127



5.7330, 6.4527, 6.9775



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.



10.6693, 13.8306, 14.4194



17.3930, 23.6252, 24.1408



10.2219, 12.0145, 17.1102



3.4395, 3.8010, 4.1206



8.4789, 14.1091, 11.6088



41.8697, 70.1365, 55.8924

Inverse Universe

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



10.3579, 8.4195, 8.8642



16.7644, 12.6449, 12.8846



10.6420, 9.5954, 7.0857



3.4171, 3.4145, 3.7230



7.9775, 4.0834, 1.6913



39.4293, 20.2170, 6.7929

Previews

White Background



This preview shows how the XYZ color 10.6689, 13.8300, 14.4191 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 10.6689, 13.8300, 14.4191 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 10.6689, 13.8300, 14.4191

Background



This preview shows how black text looks on a background with the XYZ color 10.6689, 13.8300, 14.4191.

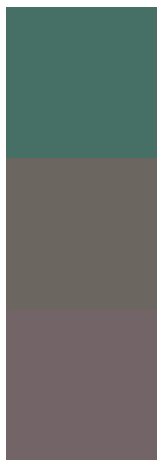


This preview shows how white text looks on a background with the XYZ color 10.6689, 13.8300,

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

10.6689, 13.8300, 14.4191

Protanopia

13.0250, 13.6708, 13.0186

Deuteranopia

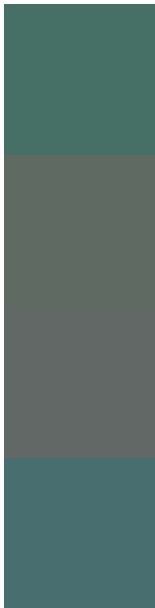
13.9448, 13.6710, 14.7358



Tritanopia

11.5627, 13.7011, 19.1747

Trichromacy



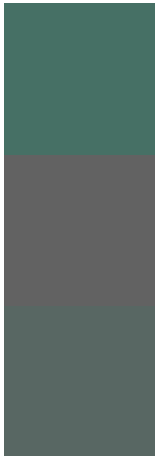
Original Color
10.6689, 13.8300, 14.4191

Protanomaly
11.9747, 13.5696, 13.5433

Deuteranomaly
12.3856, 13.4566, 14.5150

Tritanomaly
11.2482, 13.7382, 17.3881

Monochromacy



Original Color
10.6689, 13.8300, 14.4191

Achromatopsia
11.6093, 12.2139, 13.3009

Achromatomaly
11.1269, 12.6761, 13.6647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6689, 13.8300, 14.4191 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(70, 112, 101)` looks like.

```
.text, #text, p{  
    color:rgb(70, 112, 101)  
}
```

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(70, 112, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 112, 101) }
```

Border

The CSS property to change the border of an element to XYZ 10.6689, 13.8300, 14.4191 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(70, 112, 101) }
```


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

```
.border{ border-color:rgb(70, 112, 101) }
```

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

Here you see how a box with a 4 pixel rgb(70, 112, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 112, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 112, 101);  
box-shadow:4px 4px 4px 4px rgb(70, 112,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6689, 13.8300, 14.4191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 112, 101) }
```

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

```
.background{ background-color: rgb(70, 112,  
101) }
```

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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