

Converting Colors

XYZ(14.4342, 15.3137, 20.9289)

Have a look what the booklet for
XYZ(14.4342, 15.3137, 20.9289)
contains.

XYZ(14.4066, 15.2912, 20.9311)	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(14.4066, 15.2912,
20.9311)**

Conversions

Conversions Part 1

Format	Color
Hex	646E7B
RGB	100, 110, 123
RGB Percent	39%, 43%, 48%
CMY	0.6078, 0.5686, 0.5176
CMYK	0.19, 0.11, 0.00, 0.52
HSL	214°, 10%, 44%
HSV	214°, 19%, 48%
XYZ	14.4066, 15.2912, 20.9311
YIQ	108.4920, -10.1330, 1.9230

Conversions

Conversions Part 2

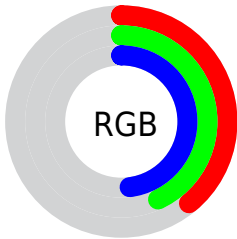
Format	Color
R_{YB}	100, 107, 123
Decimal	6581883
CIE _{Lab}	46.03, -0.78, -8.48
CIE _{LCh}	46, 8.514, 264.727
Yxy	15.2912, 0.2846, 0.3020
Android (android.graphics.Color)	4284771963 (0xFF646E7B)
YUV	108.4920, 7.1524, -7.4475
Hunter-Lab	39.1040, -2.6693, -4.3633

Details

The XYZ color **14.4066, 15.2912, 20.9311** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.3739, 16.9414, 14.4640**, and the grayscale version is **14.3750, 15.1237, 16.4697**.

A 20% lighter version of the original color is **33.4207, 35.5151, 45.6511**, and **4.4817, 4.8063, 7.1701** is the 20% darker color. If you saturate the color by 10%, you get **12.4268, 13.2008, 20.6322**, and if you desaturate by 10%, it is **16.6516, 17.6065, 21.2599**.

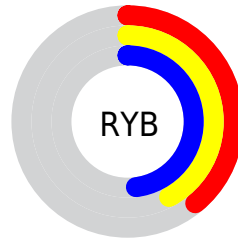
Distribution



Red (39%)

Green (43%)

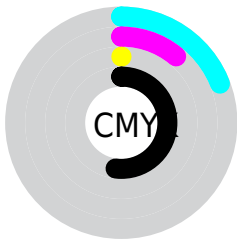
Blue (48%)



Red (39%)

Yellow (42%)

Blue (48%)

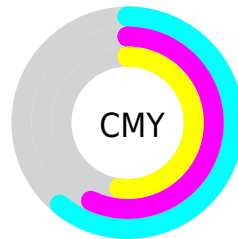


Cyan (19%)

Magenta (11%)

Yellow (0%)

Black (52%)



Cyan (61%)

Magenta (57%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4066, 15.2912, 20.9311 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 14.4066, 15.2912, 20.9311 by changing the saturation by 10% instead.

■ 14.4066, 15.2912,
20.9311

■ 14.4066, 15.2912,
20.9311

213.2062,
225.1221, 269.6811

■ 8.4876, 9.0240,
12.8829

■ 33.3890, 35.3632,
45.8521

■ 4.4629, 4.7568,
7.2182

■ 47.1832, 49.9369,
63.5621

■ 1.9672, 2.1053,
3.5184

■ 64.3331, 68.0481,
85.3296

■ 0.6154, 0.6676,
1.3651

■ 85.2040, 90.0813,
111.5734

■ 0.0000, 0.0000,
0.1142

110.1615,
116.4209, 142.7119

■ 0.0000, 0.0000,
0.0000

139.5708,

147.4513, 179.1636

173.7972,
183.5569, 221.3472

■ 14.4066, 15.2912,
20.9311

■ 14.4066, 15.2912,
20.9311

■ 12.4268, 13.2008,
20.6322

■ 16.6516, 17.6065,
21.2599

■ 10.7002, 11.3260,
20.3613

■ 19.1704, 20.1518,
21.6184

■ 9.2162, 9.6595,
20.1179

■ 21.9727, 22.9344,
22.0079

■ 7.9625, 8.1929,
19.9009

■ 25.0675, 25.9608,
22.4289

■ 6.9258, 6.9171,
19.7093

■ 28.4633, 29.2371,
22.8823

■ 6.0912, 5.8220,
19.5419

■ 32.1682, 32.7691,
23.3688

■ 5.4418, 4.8966,
19.3975

■ 36.1901, 36.5627,
23.8891

■ 4.9326, 4.1151,
19.2735

■ 40.5364, 40.6234,
24.4438

■ 4.8705, 4.0207,
19.2585

■ 45.2146, 44.9564,
25.0335

Harmonies

Analogous

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



13.7467, 15.2912, 20.1113



14.4066, 15.2912, 20.9311



15.1224, 15.2912, 20.5286

Triad

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



14.4066, 15.2912, 20.9311



15.8317, 15.2912, 15.0411



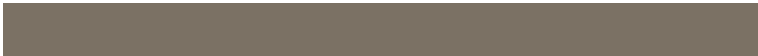
13.4295, 15.2912, 14.4573

Complementary

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



14.4066, 15.2912, 20.9311



16.3739, 16.9414, 14.4640

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.



13.9608, 15.2912, 13.2927



14.4066, 15.2912, 20.9311



15.3504, 15.2912, 13.6097

Square

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



14.4066, 15.2912, 20.9311



15.9606, 15.2912, 17.0176



14.6618, 15.2912, 12.9957



13.1947, 15.2912, 16.2867

Rectangle

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



14.4066, 15.2912, 20.9311



15.5329, 15.2912, 19.6373



14.6618, 15.2912, 12.9957



13.5785, 15.2912, 13.9813

Sweetspot

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



14.4071, 15.2918, 20.9314



30.9218, 32.6513, 38.2292



15.2998, 18.0599, 18.1995



7.2303, 7.6368, 8.9960



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.4071, 15.2918, 20.9314



24.3816, 25.8981, 37.2704



13.5163, 13.3201, 20.5978



3.9277, 4.1536, 5.0379



5.0331, 4.1487, 19.9208



23.1935, 18.1597, 94.7525

Inverse Universe

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



15.5404, 14.4515, 16.7228



26.7836, 24.1993, 28.3320



17.3883, 19.2129, 14.8490



4.0639, 4.0413, 4.5344



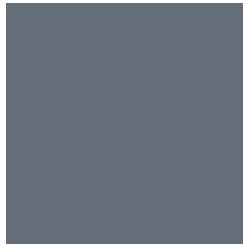
9.1238, 4.6257, 3.9430



43.1102, 21.9004, 16.6421

Previews

White Background



This preview shows how the XYZ color 14.4066, 15.2912, 20.9311 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 14.4066, 15.2912, 20.9311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

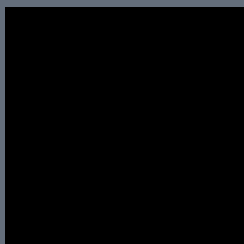
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

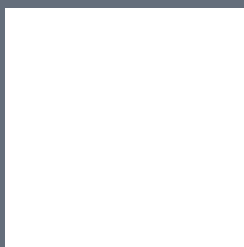
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4066, 15.2912, 20.9311

Background



This preview shows how black text looks on a background with the XYZ color 14.4066, 15.2912, 20.9311.

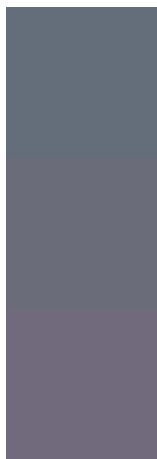


This preview shows how white text looks on a background with the XYZ color 14.4066, 15.2912,

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

14.4066, 15.2912, 20.9311

Protanopia

14.9388, 15.2561, 20.5697

Deuteranopia

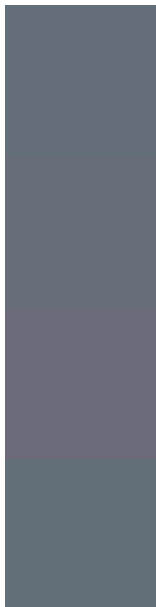
15.4742, 15.2080, 21.1886



Tritanopia

14.1598, 15.3534, 19.6700

Trichromacy



Original Color

14.4066, 15.2912, 20.9311

Protanomaly

14.6904, 15.2855, 20.5885

Deuteranomaly

15.0801, 15.1588, 21.1999

Tritanomaly

14.2202, 15.3776, 19.9880

Monochromacy



Original Color

14.4066, 15.2912, 20.9311

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.2750, 15.1328, 17.7913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4066, 15.2912, 20.9311 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(100, 110, 123)` looks like.

```
.text, #text, p{  
    color:rgb(100, 110, 123)  
}
```

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(100, 110, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 110, 123) }
```

Border

The CSS property to change the border of an element to XYZ 14.4066, 15.2912, 20.9311 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(100, 110, 123) }
```


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

```
.border{ border-color:rgb(100, 110, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 110, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 110, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 110, 123);  
box-shadow:4px 4px 4px 4px rgb(100, 110,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4066, 15.2912, 20.9311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 110, 123) }
```

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

```
.background{ background-color: rgb(100,  
110, 123) }
```

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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