

Converting Colors

XYZ(14.4154, 15.0724, 22.1736)

Have a look what the booklet for
XYZ(14.4154, 15.0724, 22.1736)
contains.

XYZ(14.4450, 15.1222, 22.2362)	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(14.4450, 15.1222,
22.2362)**

Conversions

Conversions Part 1

Format	Color
Hex	636D7F
RGB	99, 109, 127
RGB Percent	39%, 43%, 50%
CMY	0.6118, 0.5725, 0.5020
CMYK	0.22, 0.14, 0.00, 0.50
HSL	219°, 12%, 44%
HSV	219°, 22%, 50%
XYZ	14.4450, 15.1222, 22.2362
YIQ	108.0620, -11.7380, 3.4780

Conversions

Conversions Part 2

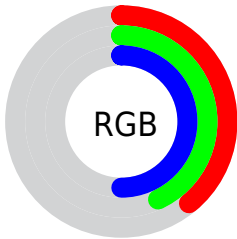
Format	Color
R _{YB}	99, 106, 127
Decimal	6516095
CIE Lab	45.80, 0.44, -11.22
CIE LCh	46, 11.233, 272.259
Yxy	15.1222, 0.2788, 0.2919
Android (android.graphics.Color)	4284706175 (0xFF636D7F)
YUV	108.0620, 9.3364, -7.9474
Hunter-Lab	38.8873, -1.7474, -6.6816

Details

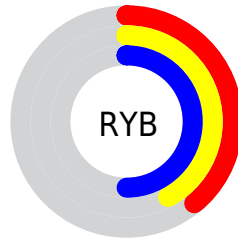
The XYZ color **14.4450, 15.1222, 22.2362** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.3660, 18.1356, 14.3901**, and the grayscale version is **14.2486, 14.9906, 16.3248**.

A 20% lighter version of the original color is **33.3867, 34.9209, 48.1608**, and **4.5139, 4.7254, 7.8819** is the 20% darker color. If you saturate the color by 10%, you get **12.3344, 12.8011, 21.8997**, and if you desaturate by 10%, it is **16.8557, 17.7189, 22.6106**.

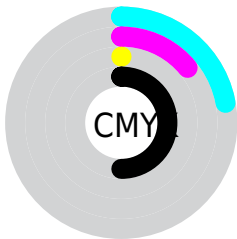
Distribution



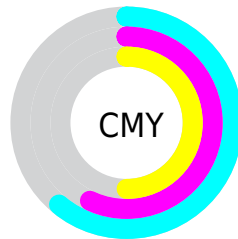
- Red (39%)
- Green (43%)
- Blue (50%)



- Red (39%)
- Yellow (42%)
- Blue (50%)



- Cyan (22%)
- Magenta (14%)
- Yellow (0%)
- Black (50%)



- Cyan (61%)
- Magenta (57%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4450, 15.1222, 22.2362 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 14.4450, 15.1222, 22.2362 by changing the saturation by 10% instead.

■ 14.4450, 15.1222,
22.2362

■ 14.4450, 15.1222,
22.2362

213.4376,
224.1047, 276.7709

■ 8.5146, 8.9052,
13.8306

■ 33.4563, 35.0674,
48.0433

■ 4.4805, 4.6794,
7.8655

■ 47.2678, 49.5644,
66.2818

■ 1.9774, 2.0604,
3.9225

■ 64.4371, 67.5902,
88.6350

■ 0.6212, 0.6422,
1.5829

■ 85.3296, 89.5291,
115.5215

■ 0.0000, 0.0000,
0.2786

110.3105,
115.7657, 147.3598

■ 0.0000, 0.0000,
0.0000

139.7452,

146.6842, 184.5685

173.9991,
182.6691, 227.5660

■ 14.4450, 15.1222,
22.2362

■ 14.4450, 15.1222,
22.2362

■ 12.3344, 12.8011,
21.8997

■ 16.8557, 17.7189,
22.6106

■ 10.5101, 10.7440,
21.5988

■ 19.5767, 20.5984,
23.0230

■ 8.9593, 8.9415,
21.3326

■ 22.6194, 23.7700,
23.4748

■ 7.6676, 7.3823,
21.0997

■ 25.9943, 27.2420,
23.9671

■ 6.6192, 6.0548,
20.8987

■ 29.7113, 31.0223,
24.5009

■ 5.7964, 4.9458,
20.7280

■ 33.7799, 35.1186,
25.0771

■ 5.1788, 4.0405,
20.5859

■ 38.2093, 39.5383,
25.6967

■ 4.7830, 3.4368,
20.4902

■ 43.0082, 44.2883,
26.3606

■ 48.1852, 49.3757,
27.0697

Harmonies

Analogous

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



13.5434, 15.1222, 21.5178



14.4450, 15.1222, 22.2362



15.3657, 15.1222, 21.2733

Triad

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



14.4450, 15.1222, 22.2362



15.9663, 15.1222, 13.8395



12.8232, 15.1222, 14.1586

Complementary

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



14.4450, 15.1222, 22.2362



17.3660, 18.1356, 14.3901

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.



13.4244, 15.1222, 12.4428



14.4450, 15.1222, 22.2362



15.2363, 15.1222, 12.2733

Square

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



14.4450, 15.1222, 22.2362



16.2677, 15.1222, 16.2611



14.3016, 15.1222, 11.7910



12.6318, 15.1222, 16.6717

Rectangle

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



14.4450, 15.1222, 22.2362



15.8595, 15.1222, 19.8630



14.3016, 15.1222, 11.7910



12.9827, 15.1222, 13.4794

Sweetspot

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



14.4455, 15.1228, 22.2365



32.4912, 34.1818, 40.8416



15.9305, 19.1098, 19.5968



7.5562, 7.9490, 9.5544



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.4455, 15.1228, 22.2365



24.0744, 25.1201, 39.5361



13.8560, 13.3243, 21.9205



4.2248, 4.4436, 5.4483



4.8225, 3.4636, 20.6643



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.9749, 14.5403, 16.4332



27.3046, 23.9968, 27.2554



18.0484, 20.3105, 14.7739



4.3863, 4.3677, 4.8387



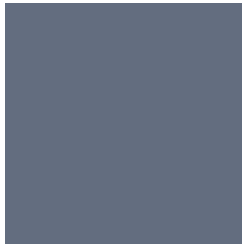
9.3112, 4.7442, 2.9624



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.4450, 15.1222, 22.2362 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 14.4450, 15.1222, 22.2362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

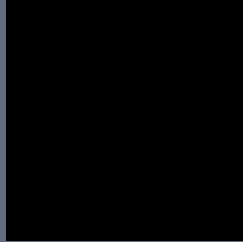
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

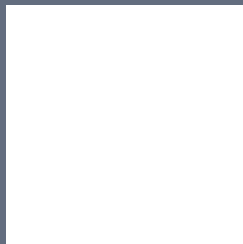
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4450, 15.1222, 22.2362

Background



This preview shows how black text looks on a background with the XYZ color 14.4450, 15.1222, 22.2362.



This preview shows how white text looks on a background with the XYZ color 14.4450, 15.1222,

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

14.4450, 15.1222, 22.2362

Protanopia

14.8493, 15.0250, 21.8561

Deuteranopia

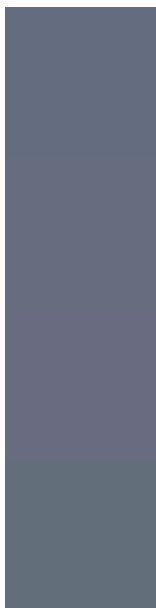
15.3570, 15.1178, 22.5307



Tritanopia

13.8355, 15.0252, 19.6237

Trichromacy



Original Color

14.4450, 15.1222, 22.2362

Protanomaly

14.7220, 15.1150, 21.8802

Deuteranomaly

14.9797, 15.0772, 22.5427

Tritanomaly

14.1258, 15.1537, 20.5928

Monochromacy



Original Color

14.4450, 15.1222, 22.2362

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.2828, 14.9662, 18.3556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4450, 15.1222, 22.2362 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(99, 109, 127) looks like.

```
.text, #text, p{  
    color:rgb(99, 109, 127)  
}
```

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(99, 109, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 109, 127) }
```

Border

The CSS property to change the border of an element to XYZ 14.4450, 15.1222, 22.2362 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(99, 109, 127) }
```


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

```
.border{ border-color:rgb(99, 109, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 109, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 109, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 109, 127);  
box-shadow:4px 4px 4px 4px rgb(99, 109,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4450, 15.1222, 22.2362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 109, 127) }
```

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

```
.background{ background-color: rgb(99, 109,  
127) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor