

Converting Colors

XYZ(14.4001, 15.5161, 22.4859)

Have a look what the booklet for
XYZ(14.4001, 15.5161, 22.4859)
contains.

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Color

**XYZ(14.5143, 15.6337,
22.6747)**

Conversions

Conversions Part 1

Format	Color
Hex	607080
RGB	96, 112, 128
RGB Percent	38%, 44%, 50%
CMY	0.6235, 0.5608, 0.4980
CMYK	0.25, 0.12, 0.00, 0.50
HSL	210°, 14%, 44%
HSV	210°, 25%, 50%
XYZ	14.5143, 15.6337, 22.6747
YIQ	109.0400, -14.6720, 1.5840

Conversions

Conversions Part 2

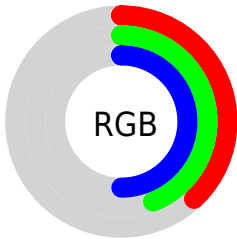
Format	Color
R _Y B	96, 107, 128
Decimal	6320256
CIE Lab	46.49, -2.10, -10.81
CIE LCh	46, 11.008, 258.995
Yxy	15.6337, 0.2748, 0.2960
Android (android.graphics.Color)	4284510336 (0xFF607080)
YUV	109.0400, 9.3473, -11.4361
Hunter-Lab	39.5395, -3.6696, -6.3234

Details

The XYZ color **14.5143, 15.6337, 22.6747** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.8076, 17.0219, 13.4663**, and the grayscale version is **14.5249, 15.2813, 16.6413**.

A 20% lighter version of the original color is **33.6486, 36.0902, 48.9087**, and **4.5113, 4.8843, 8.1021** is the 20% darker color. If you saturate the color by 10%, you get **12.5946, 13.6332, 22.3900**, and if you desaturate by 10%, it is **16.7044, 17.8489, 22.9871**.

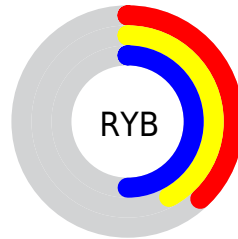
Distribution



Red (38%)

Green (44%)

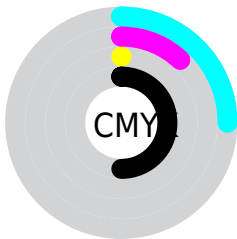
Blue (50%)



Red (38%)

Yellow (42%)

Blue (50%)

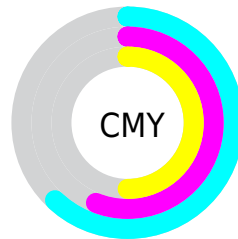


Cyan (25%)

Magenta (12%)

Yellow (0%)

Black (50%)



Cyan (62%)

Magenta (56%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5143, 15.6337, 22.6747 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 14.5143, 15.6337, 22.6747 by changing the saturation by 10% instead.

■ 14.5143, 15.6337,
22.6747

■ 14.5143, 15.6337,
22.6747

213.8544,
227.1704, 279.1173

■ 8.5633, 9.2653,
14.1505

■ 33.5775, 35.9611,
48.7750

■ 4.5123, 4.9146,
8.0854

■ 47.4205, 50.6889,
67.1882

■ 1.9958, 2.1973,
4.0611

■ 64.6248, 68.9720,
89.7348

■ 0.6316, 0.7185,
1.6589

■ 85.5559, 91.1948,
116.8333

■ 0.0000, 0.0000,
0.3324

110.5790,
117.7416, 148.9022

■ 0.0000, 0.0000,
0.0000

140.0596,

148.9969, 186.3602

174.3629,
185.3451, 229.6257

■ 14.5143, 15.6337,
22.6747

■ 14.5143, 15.6337,
22.6747

■ 12.5946, 13.6332,
22.3900

■ 16.7044, 17.8489,
22.9871

■ 10.9323, 11.8380,
22.1311

■ 19.1745, 20.2840,
23.3269

■ 9.5154, 10.2407,
21.8975

■ 21.9352, 22.9464,
23.6953

■ 8.3300, 8.8324,
21.6881

■ 24.9963, 25.8426,
24.0930

■ 7.3611, 7.6039,
21.5021

■ 28.3669, 28.9785,
24.5207

■ 6.5914, 6.5443,
21.3381

■ 32.0561, 32.3602,
24.9789

■ 5.9960, 5.6389,
21.1947

■ 36.0721, 35.9933,
25.4685

■ 5.7302, 5.2262,
21.1291

■ 40.4232, 39.8833,
25.9901

■ 45.1173, 44.0355,
26.5441

Harmonies

Analogous

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



13.6958, 15.6337, 21.2711



14.5143, 15.6337, 22.6747



15.4602, 15.6337, 22.4477

Triad

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



14.5143, 15.6337, 22.6747



16.6494, 15.6337, 15.3801



13.5265, 15.6337, 13.8235

Complementary

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



14.5143, 15.6337, 22.6747



16.8076, 17.0219, 13.4663

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.



14.2743, 15.6337, 12.5504



14.5143, 15.6337, 22.6747



16.0870, 15.6337, 13.3809

Square

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



14.5143, 15.6337, 22.6747



16.7203, 15.6337, 18.0380



15.2099, 15.6337, 12.3974



13.1419, 15.6337, 16.0458

Rectangle

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



14.5143, 15.6337, 22.6747



16.0354, 15.6337, 21.4079



15.2099, 15.6337, 12.3974



13.7422, 15.6337, 13.2809

Sweetspot

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



14.5148, 15.6343, 22.6751



32.7766, 34.7526, 40.9367



15.4383, 19.0834, 18.0440



7.6270, 8.0905, 9.5780



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.



14.5148, 15.6343, 22.6751



23.5745, 25.4762, 39.6312



12.9521, 12.5090, 22.1542



4.2726, 4.5393, 5.4642



5.6832, 5.1849, 20.9512



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.0099, 14.1251, 17.2126



26.7214, 22.4964, 28.0904



18.6635, 20.7336, 14.0849



4.4104, 4.3773, 4.9658



9.7456, 4.9179, 5.2500



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.5143, 15.6337, 22.6747 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 14.5143, 15.6337, 22.6747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

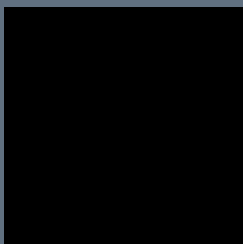
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

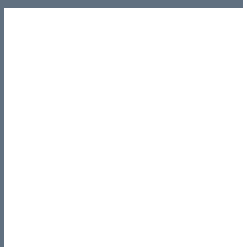
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.5143, 15.6337, 22.6747

Background



This preview shows how black text looks on a background with the XYZ color 14.5143, 15.6337, 22.6747.



This preview shows how white text looks on a background with the XYZ color 14.5143, 15.6337,

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

14.5143, 15.6337, 22.6747

Protanopia

15.2979, 15.5694, 21.9376

Deuteranopia

15.7757, 15.4799, 22.9253



Tritanopia

14.1373, 15.6483, 20.6877

Trichromacy



Original Color

14.5143, 15.6337, 22.6747

Protanomaly

15.0002, 15.5677, 22.2929

Deuteranomaly

15.3749, 15.5864, 22.9670

Tritanomaly

14.2625, 15.6984, 21.3472

Monochromacy



Original Color

14.5143, 15.6337, 22.6747

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.4372, 15.3559, 18.7261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5143, 15.6337, 22.6747 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(96, 112, 128) looks like.

```
.text, #text, p{  
    color:rgb(96, 112, 128)  
}
```

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(96, 112, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 112, 128) }
```

Border

The CSS property to change the border of an element to XYZ 14.5143, 15.6337, 22.6747 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(96, 112, 128) }
```


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

```
.border{ border-color:rgb(96, 112, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 112, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 112, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 112, 128);  
box-shadow:4px 4px 4px 4px rgb(96, 112,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5143, 15.6337, 22.6747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 112, 128) }
```

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

```
.background{ background-color: rgb(96, 112,  
128) }
```

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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