

Converting Colors

XYZ(15.0664, 14.9451, 22.3405)

Have a look what the booklet for
XYZ(15.0664, 14.9451, 22.3405)
contains.

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Color

**XYZ(15.1137, 14.9924,
22.5193)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6A80
RGB	107, 106, 128
RGB Percent	42%, 42%, 50%
CMY	0.5804, 0.5843, 0.4980
CMYK	0.16, 0.17, 0.00, 0.50
HSL	243°, 9%, 46%
HSV	243°, 17%, 50%
XYZ	15.1137, 14.9924, 22.5193
YIQ	108.8070, -6.4660, 7.0540

Conversions

Conversions Part 2

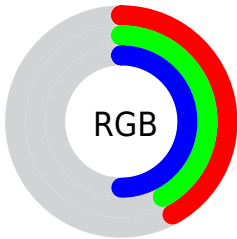
Format	Color
R_{YB}	107, 106, 128
Decimal	7039616
CIE Lab	45.62, 5.26, -12.03
CIE LCh	46, 13.129, 293.632
Yxy	14.9924, 0.2872, 0.2849
Android (android.graphics.Color)	4285229696 (0xFF6B6A80)
YUV	108.8070, 9.4621, -1.5847
Hunter-Lab	38.7200, 1.9144, -7.3786

Details

The XYZ color **15.1137, 14.9924, 22.5193** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.0737, 20.9914, 16.6829**, and the grayscale version is **14.4569, 15.2098, 16.5635**.

A 20% lighter version of the original color is **34.6955, 34.8211, 48.6085**, and **4.7789, 4.6222, 8.0374** is the 20% darker color. If you saturate the color by 10%, you get **12.5252, 11.8441, 22.0483**, and if you desaturate by 10%, it is **18.1077, 18.6428, 23.0663**.

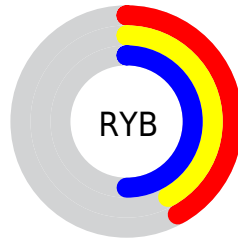
Distribution



Red (42%)

Green (42%)

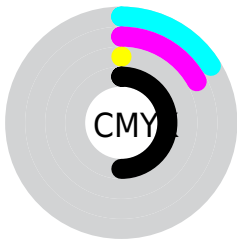
Blue (50%)



Red (42%)

Yellow (42%)

Blue (50%)

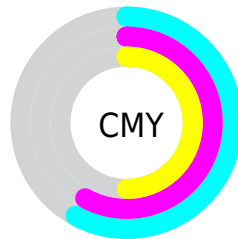


Cyan (16%)

Magenta (17%)

Yellow (0%)

Black (50%)



Cyan (58%)

Magenta (58%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1137, 14.9924, 22.5193 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 15.1137, 14.9924, 22.5193 by changing the saturation by 10% instead.

■ 15.1137, 14.9924,
22.5193

■ 15.1137, 14.9924,
22.5193

217.4281,
223.3202, 278.2878

■ 8.9861, 8.8141,
14.0370

■ 34.6225, 34.8398,
48.5159

■ 4.7891, 4.6201,
8.0074

■ 48.7344, 49.2777,
66.8674

■ 2.1576, 2.0261,
4.0118

■ 66.2385, 67.2376,
89.3456

■ 0.7202, 0.6226,
1.6318

■ 87.5000, 89.1038,
116.3692

■ 0.0000, 0.0000,
0.3134

112.8844,
115.2608, 148.3567

■ 0.0000, 0.0000,
0.0000

142.7570,

146.0929, 185.7266

177.4831,
181.9846, 228.8974

■ 15.1137, 14.9924,
22.5193

■ 15.1137, 14.9924,
22.5193

■ 12.5252, 11.8441,
22.0483

■ 18.1077, 18.6428,
23.0663

■ 10.3234, 9.1742,
21.6490

■ 21.5221, 22.8140,
23.6915

■ 8.4901, 6.9598,
21.3182

■ 25.3728, 27.5259,
24.3980

■ 7.0053, 5.1754,
21.0520

■ 29.6743, 32.7969,
25.1887

■ 5.8468, 3.7933,
20.8463

■ 34.4407, 38.6446,
26.0662

■ 4.9900, 2.7820,
20.6963

■ 39.6853, 45.0856,
27.0331

■ 4.4069, 2.1057,
20.5965

■ 45.4209, 52.1361,
28.0916

■ 4.0512, 1.6964,
20.5362

■ 51.6598, 59.8114,
29.2443

■ 3.9690, 1.5960,
20.5212

■ 58.4139, 68.1265,
30.4933

Harmonies

Analogous

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



14.0167, 14.9924, 23.1069



15.1137, 14.9924, 22.5193



16.0198, 14.9924, 20.1818

Triad

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



15.1137, 14.9924, 22.5193



15.5398, 14.9924, 11.9203



12.2514, 14.9924, 15.6621

Complementary

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



15.1137, 14.9924, 22.5193



19.0737, 20.9914, 16.6829

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.



12.6153, 14.9924, 12.9924



15.1137, 14.9924, 22.5193



14.4855, 14.9924, 11.0185

Square

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



15.1137, 14.9924, 22.5193



16.2746, 14.9924, 14.0166



13.4195, 14.9924, 11.3842



12.4004, 14.9924, 18.8720

Rectangle

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



15.1137, 14.9924, 22.5193



16.3748, 14.9924, 18.0896



13.4195, 14.9924, 11.3842



12.3171, 14.9924, 14.6775

Sweetspot

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



15.1142, 14.9930, 22.5196



33.0642, 34.2675, 40.8279



17.4645, 19.8708, 23.3373



7.6614, 7.9255, 9.5443



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.



15.1142, 14.9930, 22.5196



24.5662, 23.9089, 39.2764



16.4859, 15.7002, 22.5838



4.1255, 4.2203, 5.4104



3.9359, 1.5827, 20.3480



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.8874, 16.4302, 22.3081



30.4983, 26.9837, 38.8036



17.5591, 20.2106, 16.6120



4.4900, 4.4092, 5.3848



12.3222, 5.9486, 18.8183



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.1137, 14.9924, 22.5193 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 15.1137, 14.9924, 22.5193 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 15.1137, 14.9924, 22.5193

Background



This preview shows how black text looks on a background with the XYZ color 15.1137, 14.9924, 22.5193.



This preview shows how white text looks on a background with the XYZ color 15.1137, 14.9924,

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

15.1137, 14.9924, 22.5193

Protanopia

14.8137, 14.9839, 22.8803

Deuteranopia

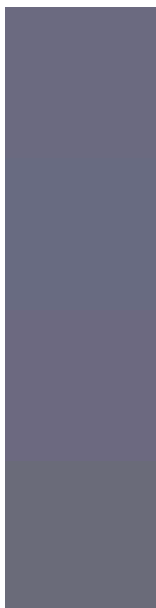
15.2545, 14.9129, 22.4965



Tritanopia

14.3991, 15.0127, 18.9685

Trichromacy



Original Color

15.1137, 14.9924, 22.5193

Protanomaly

14.9291, 15.0434, 22.8857

Deuteranomaly

15.1322, 14.8498, 22.4908

Tritanomaly

14.6527, 14.9600, 20.2045

Monochromacy



Original Color

15.1137, 14.9924, 22.5193

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.6993, 15.1742, 18.6772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1137, 14.9924, 22.5193 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(107, 106, 128)` looks like.

```
.text, #text, p{  
    color:rgb(107, 106, 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(107, 106, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 106, 128) }
```

Border

The CSS property to change the border of an element to XYZ 15.1137, 14.9924, 22.5193 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(107, 106, 128) }
```


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

```
.border{ border-color:rgb(107, 106, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 106, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 106, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 106, 128);  
box-shadow:4px 4px 4px 4px rgb(107, 106,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1137, 14.9924, 22.5193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 106, 128) }
```

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

```
.background{ background-color: rgb(107,  
106, 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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