

Converting Colors

XYZ(15.5065, 15.7051, 22.8164)

Have a look what the booklet for
XYZ(15.5065, 15.7051, 22.8164)
contains.

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Color

**XYZ(15.4945, 15.6481,
22.9726)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6D81
RGB	107, 109, 129
RGB Percent	42%, 43%, 51%
CMY	0.5804, 0.5725, 0.4941
CMYK	0.17, 0.16, 0.00, 0.49
HSL	235°, 9%, 46%
HSV	235°, 17%, 51%
XYZ	15.4945, 15.6481, 22.9726
YIQ	110.6820, -7.6120, 5.7960

Conversions

Conversions Part 2

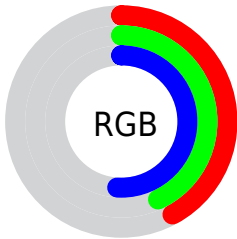
Format	Color
RYB	107, 109, 129
Decimal	7040385
CIELab	46.51, 3.70, -11.29
CIElCh	47, 11.880, 288.154
Yxy	15.6481, 0.2863, 0.2892
Android (android.graphics.Color)	4285230465 (0xFF6B6D81)
YUV	110.6820, 9.0308, -3.2291
Hunter-Lab	39.5577, 0.6914, -6.7415

Details

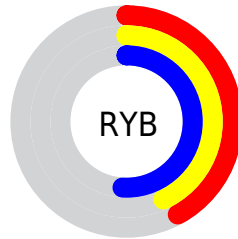
The XYZ color **15.4945, 15.6481, 22.9726** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.2965, 20.9073, 16.9287**, and the grayscale version is **14.9941, 15.7749, 17.1789**.

A 20% lighter version of the original color is **35.3124, 35.8899, 49.3223**, and **4.9742, 4.9542, 8.2835** is the 20% darker color. If you saturate the color by 10%, you get **12.8892, 12.5706, 22.5161**, and if you desaturate by 10%, it is **18.4990, 19.1800, 23.4962**.

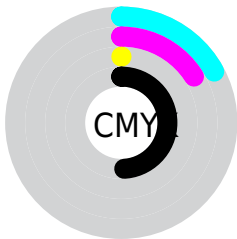
Distribution



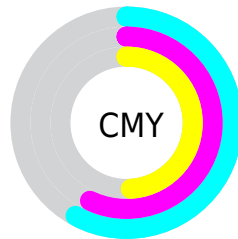
- Red (42%)
- Green (43%)
- Blue (51%)



- Red (42%)
- Yellow (43%)
- Blue (51%)



- Cyan (17%)
- Magenta (16%)
- Yellow (0%)
- Black (49%)



- Cyan (58%)
- Magenta (57%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4945, 15.6481, 22.9726 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 15.4945, 15.6481, 22.9726 by changing the saturation by 10% instead.

■ 15.4945, 15.6481,
22.9726

■ 15.4945, 15.6481,
22.9726

219.6696,
227.2562, 280.7016

■ 9.2557, 9.2755,
14.3682

■ 35.2830, 35.9862,
49.2710

■ 4.9668, 4.9213,
8.2355

■ 49.5634, 50.7205,
67.8020

■ 2.2624, 2.2012,
4.1561

■ 67.2550, 69.0108,
90.4789

■ 0.7753, 0.7206,
1.7114

■ 88.7233, 91.2415,
117.7203

■ 0.0000, 0.0000,
0.3685

114.3335,
117.7970, 149.9448

■ 0.0000, 0.0000,
0.0000

144.4511,

149.0616, 187.5708

179.4413,
185.4199, 231.0169

■ 15.4945, 15.6481,
22.9726

■ 15.4945, 15.6481,
22.9726

■ 12.8892, 12.5706,
22.5161

■ 18.4990, 19.1800,
23.4962

■ 10.6651, 9.9272,
22.1231

■ 21.9172, 23.1817,
24.0885

■ 8.8045, 7.6988,
21.7911

■ 25.7644, 27.6703,
24.7521

■ 7.2880, 5.8644,
21.5169

■ 30.0547, 32.6614,
25.4893

■ 6.0945, 4.4009,
21.2974

■ 34.8018, 38.1699,
26.3024

■ 5.2002, 3.2828,
21.1287

■ 40.0186, 44.2101,
27.1933

■ 4.5784, 2.4815,
21.0068

■ 45.7174, 50.7958,
28.1641

■ 4.1836, 1.9566,
20.9263

■ 51.9103, 57.9403,
29.2167

■ 4.0908, 1.8416,
20.9090

■ 58.6088, 65.6562,
30.3530

Harmonies

Analogous

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



14.4728, 15.6481, 23.1690



15.4945, 15.6481, 22.9726



16.3873, 15.6481, 21.0803

Triad

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



15.4945, 15.6481, 22.9726



16.2246, 15.6481, 13.1760



13.0294, 15.6481, 15.9074

Complementary

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



15.4945, 15.6481, 22.9726



19.2965, 20.9073, 16.9287

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.



13.4551, 15.6481, 13.5488



15.4945, 15.6481, 22.9726



15.2806, 15.6481, 12.0971

Square

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



15.4945, 15.6481, 22.9726



16.8220, 15.6481, 15.3422



14.2684, 15.6481, 12.2253



13.0808, 15.6481, 18.8547

Rectangle

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



15.4945, 15.6481, 22.9726



16.7749, 15.6481, 19.2220



14.2684, 15.6481, 12.2253



13.1206, 15.6481, 15.0263

Sweetspot

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



15.4950, 15.6487, 22.9730



34.2540, 35.6679, 42.2717



17.7317, 20.3537, 23.0047



7.6755, 7.9822, 9.5545



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.



15.4950, 15.6487, 22.9730



26.0756, 26.0511, 40.8465



16.3963, 15.8000, 22.9546



4.1379, 4.2698, 5.4193



3.9901, 1.7987, 20.3868



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.0717, 16.2870, 16.7127



29.3922, 27.4118, 27.6739



18.2779, 20.7697, 16.9559



4.3424, 4.3501, 4.6078



8.8910, 4.5761, 0.7498



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.4945, 15.6481, 22.9726 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 15.4945, 15.6481, 22.9726 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

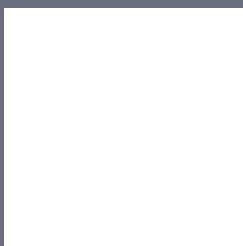
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4945, 15.6481, 22.9726

Background



This preview shows how black text looks on a background with the XYZ color 15.4945, 15.6481, 22.9726.



This preview shows how white text looks on a background with the XYZ color 15.4945, 15.6481,

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

15.4945, 15.6481, 22.9726

Protanopia

15.3749, 15.5864, 22.9670

Deuteranopia

16.0071, 15.7548, 22.9662



Tritanopia

14.8399, 15.7040, 19.7018

Trichromacy



Original Color

15.4945, 15.6481, 22.9726

Protanomaly

15.3749, 15.5864, 22.9670

Deuteranomaly

15.7554, 15.6251, 22.9544

Tritanomaly

15.0949, 15.6461, 20.9633

Monochromacy



Original Color

15.4945, 15.6481, 22.9726

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.2764, 15.7749, 19.3792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4945, 15.6481, 22.9726 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, 109, 129)` looks like.

```
.text, #text, p{  
    color:rgb(107, 109, 129)  
}
```

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, 109, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 109, 129) }
```

Border

The CSS property to change the border of an element to XYZ 15.4945, 15.6481, 22.9726 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, 109, 129) }
```


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

```
.border{ border-color:rgb(107, 109, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 109, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 109, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 109, 129);  
box-shadow:4px 4px 4px 4px rgb(107, 109,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4945, 15.6481, 22.9726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 109, 129) }
```

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

```
.background{ background-color: rgb(107,  
109, 129) }
```

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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