

Converting Colors

XYZ(15.9935, 15.5225, 24.7088)

Have a look what the booklet for
XYZ(15.9935, 15.5225, 24.7088)
contains.

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Color

**XYZ(15.9912, 15.5516,
24.7132)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6B86
RGB	110, 107, 134
RGB Percent	43%, 42%, 53%
CMY	0.5686, 0.5804, 0.4745
CMYK	0.18, 0.20, 0.00, 0.47
HSL	247°, 11%, 47%
HSV	247°, 20%, 53%
XYZ	15.9912, 15.5516, 24.7132
YIQ	110.9750, -6.8790, 9.0330

Conversions

Conversions Part 2

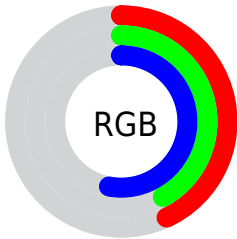
Format	Color
R_{YB}	110, 107, 134
Decimal	7236486
CIE _{Lab}	46.38, 7.14, -14.45
CIE _{LCh}	46, 16.116, 296.317
Yxy	15.5516, 0.2843, 0.2764
Android (android.graphics.Color)	4285426566 (0xFF6E6B86)
YUV	110.9750, 11.3513, -0.8551
Hunter-Lab	39.4355, 3.3700, -9.5506

Details

The XYZ color **15.9912, 15.5516, 24.7132** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.5394, 22.9374, 17.2554**, and the grayscale version is **15.0721, 15.8570, 17.2683**.

A 20% lighter version of the original color is **36.0968, 35.7230, 52.0064**, and **5.2027, 4.8959, 9.0583** is the 20% darker color. If you saturate the color by 10%, you get **13.3173, 12.2578, 24.2186**, and if you desaturate by 10%, it is **19.0818, 19.3824, 25.2900**.

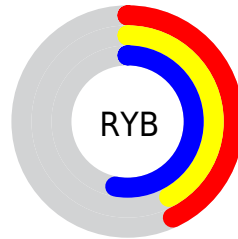
Distribution



Red (43%)

Green (42%)

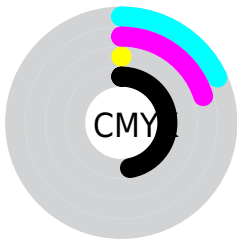
Blue (53%)



Red (43%)

Yellow (42%)

Blue (53%)

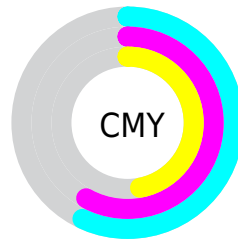


Cyan (18%)

Magenta (20%)

Yellow (0%)

Black (47%)



Cyan (57%)

Magenta (58%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9912, 15.5516, 24.7132 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 15.9912, 15.5516, 24.7132 by changing the saturation by 10% instead.

■ 15.9912, 15.5516,
24.7132

■ 15.9912, 15.5516,
24.7132

222.5612,
226.6811, 289.8084

■ 9.6087, 9.2074,
15.6464

■ 36.1405, 35.8180,
52.1499

■ 5.2006, 4.8767,
9.1227

■ 50.6380, 50.5090,
71.3569

■ 2.4014, 2.1751,
4.7234

■ 68.5713, 68.7510,
94.7811

■ 0.8458, 0.7064,
2.0300

■ 90.3057, 90.9286,
122.8410

■ 0.0000, 0.0000,
0.5736

116.2065,
117.4259, 155.9551

■ 0.0000, 0.0000,
0.0000

146.6391,

148.6275, 194.5421

181.9689,
184.9178, 239.0203

■ 15.9912, 15.5516,
24.7132

■ 15.9912, 15.5516,
24.7132

■ 13.3173, 12.2578,
24.2186

■ 19.0818, 19.3824,
25.2900

■ 11.0409, 9.4752,
23.8015

■ 22.6045, 23.7708,
25.9514

■ 9.1432, 7.1786,
23.4582

■ 26.5755, 28.7386,
26.7009

■ 7.6036, 5.3400,
23.1845

■ 31.0099, 34.3057,
27.5418

■ 6.3994, 3.9284,
22.9755

■ 35.9220, 40.4914,
28.4768

■ 5.5051, 2.9093,
22.8259

■ 41.3255, 47.3137,
29.5089

■ 4.8917, 2.2422,
22.7295

■ 47.2336, 54.7904,
30.6406

■ 4.4983, 1.8219,
22.6691

■ 53.6588, 62.9380,
31.8747

■ 60.6135, 71.7729,
33.2134

Harmonies

Analogous

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



14.6113, 15.5516, 25.7214



15.9912, 15.5516, 24.7132



17.1050, 15.5516, 21.5150

Triad

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



15.9912, 15.5516, 24.7132



16.3049, 15.5516, 11.3561



12.2845, 15.5516, 16.4488

Complementary

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



15.9912, 15.5516, 24.7132



20.5394, 22.9374, 17.2554

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.



12.6782, 15.5516, 13.0527



15.9912, 15.5516, 24.7132



14.9527, 15.5516, 10.4163

Square

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



15.9912, 15.5516, 24.7132



17.2939, 15.5516, 13.7777



13.6341, 15.5516, 10.9856



12.5247, 15.5516, 20.5367

Rectangle

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



15.9912, 15.5516, 24.7132



17.5170, 15.5516, 18.7982



13.6341, 15.5516, 10.9856



12.3464, 15.5516, 15.1956

Sweetspot

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



15.9917, 15.5522, 24.7135



36.0193, 37.1343, 45.0076



18.5236, 21.1607, 25.6627



8.0427, 8.2762, 10.1263



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



15.9917, 15.5522, 24.7135



26.0232, 24.7451, 43.1431



17.7583, 16.4630, 24.7962



4.4790, 4.5675, 5.8463



4.2207, 1.7100, 21.2443



0.0175, 0.0074, 0.0737

Inverse Universe

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



19.1864, 17.2230, 23.7864



32.6847, 28.2301, 41.1526



18.6235, 21.9497, 17.1657



4.8362, 4.7542, 5.7498



12.3429, 6.0015, 16.9098



0.0443, 0.0214, 0.0669

Previews

White Background



This preview shows how the XYZ color 15.9912, 15.5516, 24.7132 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 15.9912, 15.5516, 24.7132 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 15.9912, 15.5516, 24.7132

Background



This preview shows how black text looks on a background with the XYZ color 15.9912, 15.5516, 24.7132.



This preview shows how white text looks on a background with the XYZ color 15.9912, 15.5516,

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

15.9912, 15.5516, 24.7132

Protanopia

15.5507, 15.6296, 25.1189

Deuteranopia

15.8500, 15.6345, 24.7366



Tritanopia

14.9093, 15.5857, 19.3621

Trichromacy



Original Color

15.9912, 15.5516, 24.7132

Protanomaly

15.6796, 15.5386, 25.0945

Deuteranomaly

15.9723, 15.6976, 24.7424

Tritanomaly

15.2911, 15.5807, 21.2702

Monochromacy



Original Color

15.9912, 15.5516, 24.7132

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.4612, 15.8633, 19.6998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9912, 15.5516, 24.7132 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(110, 107, 134)` looks like.

```
.text, #text, p{  
    color:rgb(110, 107, 134)  
}
```

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(110, 107, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 107, 134) }
```

Border

The CSS property to change the border of an element to XYZ 15.9912, 15.5516, 24.7132 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(110, 107, 134) }
```


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

```
.border{ border-color:rgb(110, 107, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 107, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 107, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 107, 134);  
box-shadow:4px 4px 4px 4px rgb(110, 107,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9912, 15.5516, 24.7132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 107, 134) }
```

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

```
.background{ background-color: rgb(110,  
107, 134) }
```

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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