

Converting Colors

XYZ(15.5701, 13.4224, 20.9048)

Have a look what the booklet for
XYZ(15.5701, 13.4224, 20.9048)
contains.

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Color

**XYZ(15.5785, 13.4215,
20.8383)**

Conversions

Conversions Part 1

Format	Color
Hex	7A5D7C
RGB	122, 93, 124
RGB Percent	48%, 36%, 49%
CMY	0.5216, 0.6353, 0.5137
CMYK	0.02, 0.25, 0.00, 0.51
HSL	296°, 14%, 43%
HSV	296°, 25%, 49%
XYZ	15.5785, 13.4215, 20.8383
YIQ	105.2050, 7.3330, 15.7890

Conversions

Conversions Part 2

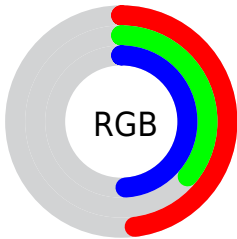
Format	Color
R_{YB}	122, 93, 124
Decimal	8019324
CIE _{Lab}	43.39, 17.63, -12.86
CIE _{LCh}	43, 21.822, 323.903
Yxy	13.4215, 0.3126, 0.2693
Android (android.graphics.Color)	4286209404 (0xFF7A5D7C)
YUV	105.2050, 9.2659, 14.7292
Hunter-Lab	36.6354, 11.7919, -8.0796

Details

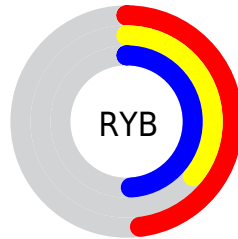
The XYZ color **15.5785, 13.4215, 20.8383** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **13.9032, 17.6388, 13.0284**, and the grayscale version is **13.4574, 14.1583, 15.4183**.

A 20% lighter version of the original color is **35.5883, 32.2348, 45.9412**, and **5.0342, 3.9575, 7.1552** is the 20% darker color. If you saturate the color by 10%, you get **14.4645, 11.3607, 20.4994**, and if you desaturate by 10%, it is **16.8708, 15.8369, 21.2366**.

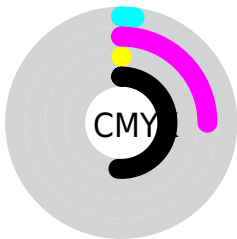
Distribution



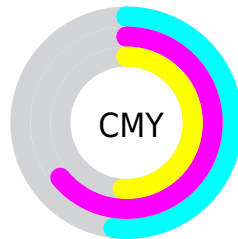
- Red (48%)
- Green (36%)
- Blue (49%)



- Red (48%)
- Yellow (36%)
- Blue (49%)



- Cyan (2%)
- Magenta (25%)
- Yellow (0%)
- Black (51%)



- Cyan (52%)
- Magenta (64%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5785, 13.4215, 20.8383 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 15.5785, 13.4215, 20.8383 by changing the saturation by 10% instead.

■ 15.5785, 13.4215,
20.8383

■ 15.5785, 13.4215,
20.8383

220.1611,
213.6016, 269.1707

■ 9.3153, 7.7194,
12.8158

■ 35.4283, 32.0590,
45.6956

■ 5.0062, 3.9159,
7.1726

■ 49.7456, 45.7632,
63.3674

■ 2.2857, 1.6267,
3.4902

■ 67.4784, 62.9035,
85.0927

■ 0.7873, 0.3755,
1.3500

■ 88.9919, 83.8645,
111.2900

■ 0.0000, 0.0000,
0.1023

114.6516,
109.0303, 142.3780

■ 0.0000, 0.0000,
0.0000

144.8228,

138.7856, 178.7750

179.8709,
173.5145, 220.8997

■ 15.5785, 13.4215,
20.8383

■ 15.5785, 13.4215,
20.8383

■ 14.4645, 11.3607,
20.4994

■ 16.8708, 15.8369,
21.2366

■ 13.5191, 9.6359,
20.2163

■ 18.3480, 18.6211,
21.6962

■ 12.7333, 8.2291,
19.9862

■ 20.0180, 21.7895,
22.2197

■ 12.0973, 7.1203,
19.8057

■ 21.8878, 25.3562,
22.8096

■ 11.5997, 6.2870,
19.6711

■ 23.9642, 29.3346,
23.4681

■ 11.2277, 5.7036,
19.5781

■ 26.2534, 33.7373,
24.1972

■ 10.9615, 5.3305,
19.5201

■ 28.7617, 38.5765,
24.9991

■ 10.8409, 5.1684,
19.4952

■ 31.4947, 43.8640,
25.8756

■ 34.4582, 49.6110,
26.8287

Harmonies

Analogous

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



14.1248, 13.4215, 24.9278



15.5785, 13.4215, 20.8383



16.2833, 13.4215, 15.6287

Triad

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



15.5785, 13.4215, 20.8383



13.1064, 13.4215, 7.1531



10.0006, 13.4215, 18.7357

Complementary

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



15.5785, 13.4215, 20.8383



13.9032, 17.6388, 13.0284

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.



9.7800, 13.4215, 13.6437



15.5785, 13.4215, 20.8383



11.4800, 13.4215, 7.6281

Square

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



15.5785, 13.4215, 20.8383



14.7769, 13.4215, 8.2897



10.2981, 13.4215, 9.7714



10.9296, 13.4215, 23.5377

Rectangle

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



15.5785, 13.4215, 20.8383



16.1928, 13.4215, 12.4818



10.2981, 13.4215, 9.7714



9.8448, 13.4215, 16.9756

Sweetspot

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



15.5789, 13.4221, 20.8386



31.6959, 31.6498, 37.9951



12.2510, 11.9794, 20.7355



7.4375, 7.4023, 8.9399



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.5789, 13.4221, 20.8386



26.2572, 21.4726, 36.3173



15.0724, 13.2525, 16.6781



4.1302, 4.0650, 5.0101



11.0199, 5.2537, 19.8185



52.2896, 24.9183, 94.5235

Inverse Universe

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



14.2925, 12.9406, 12.5715



23.5991, 20.4806, 19.0996



14.3464, 17.7924, 16.4327



4.0078, 4.0189, 4.2389



8.4943, 4.3739, 0.6280



40.4037, 20.8178, 2.3901

Previews

White Background



This preview shows how the XYZ color 15.5785, 13.4215, 20.8383 looks on a white background.

Color Contrast Check

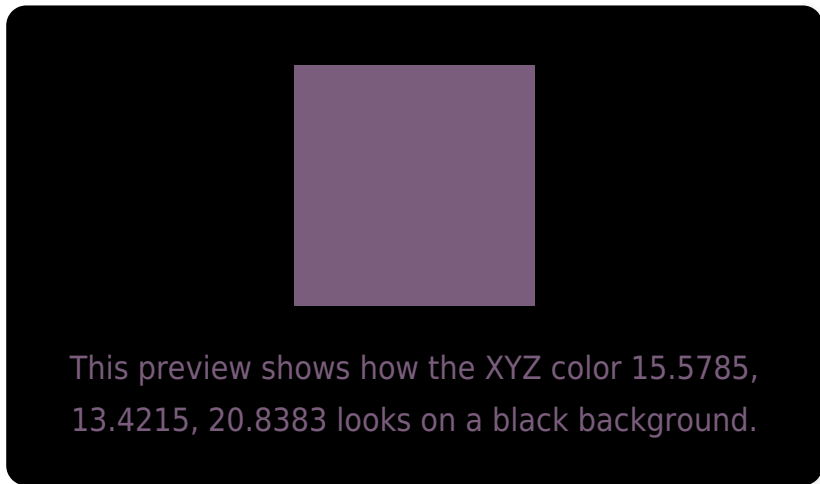
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 15.5785, 13.4215, 20.8383

Background



This preview shows how black text looks on a background with the XYZ color 15.5785, 13.4215, 20.8383.



This preview shows how white text looks on a background with the XYZ color 15.5785, 13.4215,

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

15.5785, 13.4215, 20.8383

Protanopia

13.6045, 13.6012, 23.0274

Deuteranopia

13.7258, 13.4280, 20.6073



Tritanopia

14.3811, 13.4708, 14.9389

Trichromacy



Original Color

15.5785, 13.4215, 20.8383

Protanomaly

14.1838, 13.4855, 22.2775

Deuteranomaly

14.2803, 13.2944, 20.5523

Tritanomaly

14.7978, 13.5065, 16.8660

Monochromacy



Original Color

15.5785, 13.4215, 20.8383

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.1339, 13.8567, 17.2589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5785, 13.4215, 20.8383 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(122, 93, 124)` looks like.

```
.text, #text, p{  
    color:rgb(122, 93, 124)  
}
```

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(122, 93, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 93, 124) }
```

Border

The CSS property to change the border of an element to XYZ 15.5785, 13.4215, 20.8383 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(122, 93, 124) }
```


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

```
.border{ border-color:rgb(122, 93, 124) }
```

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

Here you see how a box with a 4 pixel rgb(122, 93, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 93, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 93, 124);  
box-shadow:4px 4px 4px 4px rgb(122, 93,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5785, 13.4215, 20.8383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 93, 124) }
```

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

```
.background{ background-color: rgb(122, 93,  
124) }
```

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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