

Converting Colors

XYZ(15.8596, 14.4166, 22.1967)

Have a look what the booklet for
XYZ(15.8596, 14.4166, 22.1967)
contains.

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Color

**XYZ(15.8293, 14.3337,
22.3545)**

Conversions

Conversions Part 1

Format	Color
Hex	766380
RGB	118, 99, 128
RGB Percent	46%, 39%, 50%
CMY	0.5373, 0.6118, 0.4980
CMYK	0.08, 0.23, 0.00, 0.50
HSL	279°, 13%, 45%
HSV	279°, 23%, 50%
XYZ	15.8293, 14.3337, 22.3545
YIQ	107.9870, 2.0150, 13.0470

Conversions

Conversions Part 2

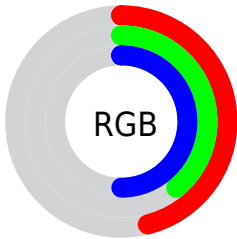
Format	Color
R_{YB}	118, 99, 128
Decimal	7758720
CIE _{Lab}	44.71, 13.42, -13.32
CIE _{LCh}	45, 18.907, 315.220
Yxy	14.3337, 0.3014, 0.2729
Android (android.graphics.Color)	4285948800 (0xFF766380)
YUV	107.9870, 9.8664, 8.7814
Hunter-Lab	37.8599, 8.3765, -8.5061

Details

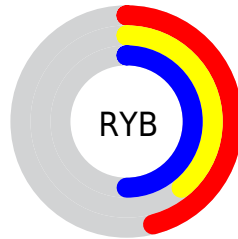
The XYZ color **15.8293, 14.3337, 22.3545** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **16.2785, 19.5908, 14.7285**, and the grayscale version is **14.2234, 14.9641, 16.2959**.

A 20% lighter version of the original color is **35.8244, 33.6949, 48.3317**, and **5.0935, 4.2857, 7.9559** is the 20% darker color. If you saturate the color by 10%, you get **14.1261, 11.7963, 21.9547**, and if you desaturate by 10%, it is **17.7537, 17.2713, 22.8203**.

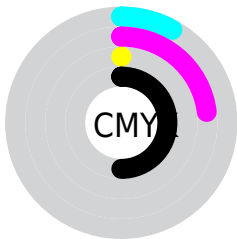
Distribution



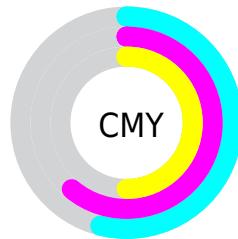
- Red (46%)
- Green (39%)
- Blue (50%)



- Red (46%)
- Yellow (39%)
- Blue (50%)



- Cyan (8%)
- Magenta (23%)
- Yellow (0%)
- Black (50%)



- Cyan (54%)
- Magenta (61%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8293, 14.3337, 22.3545 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 15.8293, 14.3337, 22.3545 by changing the saturation by 10% instead.

■ 15.8293, 14.3337,
22.3545

■ 15.8293, 14.3337,
22.3545

221.6226,
219.2970, 277.4057

■ 9.4935, 8.3531,
13.9168

■ 35.8615, 33.6800,
48.2409

■ 5.1241, 4.3217,
7.9247

■ 50.2885, 47.8144,
66.5267

■ 2.3558, 1.8551,
3.9597

■ 68.1434, 65.4357,
88.9322

■ 0.8230, 0.5212,
1.6033

■ 89.7915, 86.9281,
115.8761

■ 0.0000, 0.0000,
0.2932

115.5981,
112.6760, 147.7769

■ 0.0000, 0.0000,
0.0000

145.9286,

143.0639, 185.0530

181.1483,
178.4761, 228.1231

■ 15.8293, 14.3337,
22.3545

■ 15.8293, 14.3337,
22.3545

■ 14.1261, 11.7963,
21.9547

■ 17.7537, 17.2713,
22.8203

■ 12.6334, 9.6389,
21.6170

■ 19.9067, 20.6243,
23.3540

■ 11.3413, 7.8424,
21.3383

■ 22.2971, 24.4093,
23.9586

■ 10.2390, 6.3853,
21.1152

■ 24.9328, 28.6416,
24.6366

■ 9.3140, 5.2438,
20.9436

■ 27.8212, 33.3356,
25.3904

8.5526, 4.3906,
20.8190

30.9696, 38.5051,
26.2223

7.9384, 3.7938,
20.7362

34.3847, 44.1633,
27.1344

7.5400, 3.4369,
20.6883

38.0731, 50.3229,
28.1290

42.0413, 56.9961,
29.2079

Harmonies

Analogous

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



14.4138, 14.3337, 25.2730



15.8293, 14.3337, 22.3545



16.6833, 14.3337, 17.8655

Triad

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



15.8293, 14.3337, 22.3545



14.3911, 14.3337, 8.7744



10.9682, 14.3337, 17.9343

Complementary

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



15.8293, 14.3337, 22.3545



16.2785, 19.5908, 14.7285

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.



10.9632, 14.3337, 13.5473



15.8293, 14.3337, 22.3545



12.8631, 14.3337, 8.7858

Square

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



15.8293, 14.3337, 22.3545



15.8116, 14.3337, 10.3405



11.6332, 14.3337, 10.3754



11.6477, 14.3337, 22.4130

Rectangle

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



15.8293, 14.3337, 22.3545



16.7813, 14.3337, 14.8500



11.6332, 14.3337, 10.3754



10.8894, 14.3337, 16.3892

Sweetspot

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



15.8297, 14.3343, 22.3548



33.2893, 33.5590, 40.6793



14.5271, 15.1810, 22.5869



7.7541, 7.7950, 9.5142



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.



15.8297, 14.3343, 22.3548



26.3332, 22.9323, 38.9947



16.9803, 14.9598, 20.9459



4.3587, 4.3405, 5.4213



7.4779, 3.4087, 20.5138



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.1247, 14.6176, 16.4403



26.9852, 23.5440, 26.5753



15.3310, 19.0777, 15.7992



4.3842, 4.3668, 4.8279



9.2811, 4.7321, 2.8039



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.8293, 14.3337, 22.3545 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 15.8293, 14.3337, 22.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

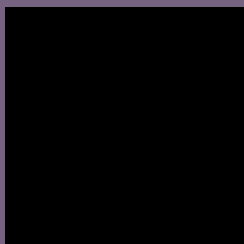
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.8293, 14.3337, 22.3545

Background



This preview shows how black text looks on a background with the XYZ color 15.8293, 14.3337, 22.3545.



This preview shows how white text looks on a background with the XYZ color 15.8293, 14.3337,

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

15.8293, 14.3337, 22.3545

Protanopia

14.3620, 14.4217, 23.8565

Deuteranopia

14.6249, 14.2970, 22.0675



Tritanopia

14.6361, 14.2734, 16.7355

Trichromacy



Original Color

15.8293, 14.3337, 22.3545

Protanomaly

14.8908, 14.4034, 23.4680

Deuteranomaly

15.0125, 14.3500, 22.0573

Tritanomaly

15.0670, 14.3047, 18.7966

Monochromacy



Original Color

15.8293, 14.3337, 22.3545

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.8282, 14.7857, 18.2921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8293, 14.3337, 22.3545 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(118, 99, 128)` looks like.

```
.text, #text, p{  
    color:rgb(118, 99, 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(118, 99, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 99, 128) }
```

Border

The CSS property to change the border of an element to XYZ 15.8293, 14.3337, 22.3545 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(118, 99, 128) }
```


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

```
.border{ border-color:rgb(118, 99, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 99, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 99, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 99, 128);  
box-shadow:4px 4px 4px 4px rgb(118, 99,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8293, 14.3337, 22.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 99, 128) }
```

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

```
.background{ background-color: rgb(118, 99,  
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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