

Converting Colors

XYZ(22.0043, 22.2053, 33.4962)

Have a look what the booklet for
XYZ(22.0043, 22.2053, 33.4962)
contains.

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Color

**XYZ(22.0094, 22.1314,
33.6836)**

Conversions

Conversions Part 1

Format	Color
Hex	7D809A
RGB	125, 128, 154
RGB Percent	49%, 50%, 60%
CMY	0.5098, 0.4980, 0.3961
CMYK	0.19, 0.17, 0.00, 0.40
HSL	234°, 13%, 55%
HSV	234°, 19%, 60%
XYZ	22.0094, 22.1314, 33.6836
YIQ	130.0670, -10.1340, 7.4500

Conversions

Conversions Part 2

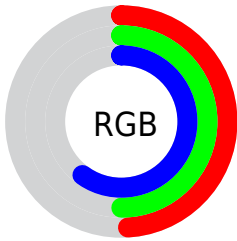
Format	Color
R _Y B	125, 128, 154
Decimal	8224922
CIE Lab	54.17, 4.60, -14.29
CIE LCh	54, 15.010, 287.840
Yxy	22.1314, 0.2828, 0.2844
Android (android.graphics.Color)	4286415002 (0xFF7D809A)
YUV	130.0670, 11.7990, -4.4438
Hunter-Lab	47.0440, 1.1836, -9.5209

Details

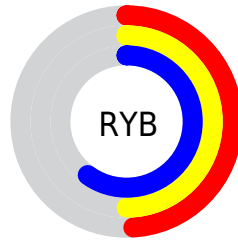
The XYZ color **22.0094, 22.1314, 33.6836** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **28.0950, 30.4841, 23.8060**, and the grayscale version is **21.2045, 22.3088, 24.2943**.

A 20% lighter version of the original color is **46.2691, 47.0668, 66.3207**, and **8.2247, 8.1077, 13.9634** is the 20% darker color. If you saturate the color by 10%, you get **18.2533, 17.7016, 33.0269**, and if you desaturate by 10%, it is **26.3606, 27.2329, 34.4393**.

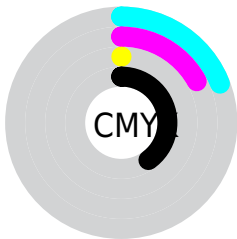
Distribution



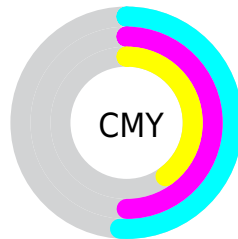
- Red (49%)
- Green (50%)
- Blue (60%)



- Red (49%)
- Yellow (50%)
- Blue (60%)



- Cyan (19%)
- Magenta (17%)
- Yellow (0%)
- Black (40%)



- Cyan (51%)
- Magenta (50%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0094, 22.1314, 33.6836 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 22.0094, 22.1314, 33.6836 by changing the saturation by 10% instead.

■ 22.0094, 22.1314,
33.6836

■ 22.0094, 22.1314,
33.6836

255.2268,
263.2317, 333.4449

■ 13.9804, 13.9535,
22.3752

■ 46.2403, 46.9631,
66.5696

■ 8.1887, 8.0883,
13.9319

■ 63.1729, 64.3856,
88.9843

■ 4.2687, 4.1515,
7.9351

■ 83.8041, 85.6585,
115.9383

■ 1.8553, 1.7587,
3.9663

108.4993,
111.1661, 147.8499

■ 0.5506, 0.4612,
1.6069

137.6238,
141.2928, 185.1379

■ 0.0000, 0.0000,
0.2957

171.5430,

■ 0.0000, 0.0000,

176.4231, 228.2207

0.0000

210.6222,
216.9412, 277.5168

■ 22.0094, 22.1314,
33.6836

■ 22.0094, 22.1314,
33.6836

■ 18.2533, 17.7016,
33.0269

■ 26.3606, 27.2329,
34.4393

■ 15.0643, 13.9127,
32.4636

■ 31.3290, 33.0296,
35.2963

■ 12.4153, 10.7360,
31.9901

■ 36.9382, 39.5472,
36.2587

■ 10.2763, 8.1389,
31.6015

■ 43.2100, 46.8094,
37.3299

■ 8.6142, 6.0864,
31.2930

■ 50.1650, 54.8387,
38.5131

■ 7.3919, 4.5392,
31.0587

■ 57.8230, 63.6568,
39.8116

■ 6.5669, 3.4529,
30.8925

■ 66.2031, 73.2843,
41.2282

■ 6.0644, 2.7629,
30.7859

■ 75.3234, 83.7413,
42.7659

■ 6.0171, 2.7018,
30.7765

■ 81.9655, 93.3786,
44.2760

Harmonies

Analogous

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



20.3824, 22.1314, 33.9721



22.0094, 22.1314, 33.6836



23.4433, 22.1314, 30.6329

Triad

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



22.0094, 22.1314, 33.6836



23.2081, 22.1314, 18.0412



18.1198, 22.1314, 22.2570

Complementary

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



22.0094, 22.1314, 33.6836



28.0950, 30.4841, 23.8060

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.



18.7980, 22.1314, 18.5645



22.0094, 22.1314, 33.6836



21.7018, 22.1314, 16.3496

Square

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



22.0094, 22.1314, 33.6836



24.1596, 22.1314, 21.4525



20.0902, 22.1314, 16.5279



18.1926, 22.1314, 26.9511

Rectangle

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



22.0094, 22.1314, 33.6836



24.0711, 22.1314, 27.6413



20.0902, 22.1314, 16.5279



18.2660, 22.1314, 20.8700

Sweetspot

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



22.0101, 22.1323, 33.6841



50.2187, 52.1969, 62.9645



25.5684, 29.6936, 33.4994



11.2494, 11.6774, 14.2314



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.0101, 22.1323, 33.6841



36.6909, 36.3290, 60.6147



23.3393, 22.2450, 33.6358



5.9334, 6.1241, 7.7983



4.9161, 2.2289, 25.0788



0.0854, 0.0571, 0.3789

Inverse Universe

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



24.5569, 23.0965, 23.5868



42.2867, 38.4964, 38.4186



26.5653, 30.4215, 23.8746



6.2335, 6.2326, 6.6097



10.9402, 5.6303, 0.9441



0.1695, 0.0866, 0.0457

Previews

White Background



This preview shows how the XYZ color 22.0094, 22.1314, 33.6836 looks on a white 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

Black Background



This preview shows how the XYZ color 22.0094, 22.1314, 33.6836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

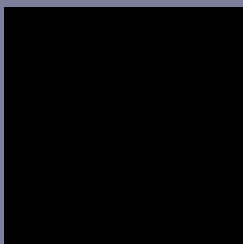
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

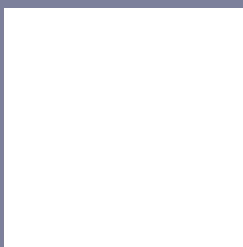
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.0094, 22.1314, 33.6836

Background



This preview shows how black text looks on a background with the XYZ color 22.0094, 22.1314, 33.6836.



This preview shows how white text looks on a background with the XYZ color 22.0094, 22.1314,

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

22.0094, 22.1314, 33.6836

Protanopia

21.8641, 22.0565, 33.6768

Deuteranopia

22.4995, 22.0006, 33.6325



Tritanopia

20.9587, 22.0993, 28.3603

Trichromacy



Original Color

22.0094, 22.1314, 33.6836

Protanomaly

21.8641, 22.0565, 33.6768

Deuteranomaly

22.3242, 22.1010, 33.6612

Tritanomaly

21.3507, 22.0609, 30.3270

Monochromacy



Original Color

22.0094, 22.1314, 33.6836

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.4125, 22.1538, 27.5736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0094, 22.1314, 33.6836 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(125, 128, 154)` looks like.

```
.text, #text, p{  
    color:rgb(125, 128, 154)  
}
```

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(125, 128, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 128, 154) }
```

Border

The CSS property to change the border of an element to XYZ 22.0094, 22.1314, 33.6836 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(125, 128, 154) }
```


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

```
.border{ border-color:rgb(125, 128, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 128, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 128, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 128, 154);  
box-shadow:4px 4px 4px 4px rgb(125, 128,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0094, 22.1314, 33.6836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 128, 154) }
```

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

```
.background{ background-color: rgb(125,  
128, 154) }
```

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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