

Converting Colors

XYZ(22.6404, 24.9177, 33.3237)

Have a look what the booklet for
XYZ(22.6404, 24.9177, 33.3237)
contains.

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Color

**XYZ(22.6533, 24.9451,
33.3267)**

Conversions

Conversions Part 1

Format	Color
Hex	778C98
RGB	119, 140, 152
RGB Percent	47%, 55%, 60%
CMY	0.5333, 0.4510, 0.4039
CMYK	0.22, 0.08, 0.00, 0.40
HSL	202°, 14%, 53%
HSV	202°, 22%, 60%
XYZ	22.6533, 24.9451, 33.3267
YIQ	135.0890, -16.3680, -0.7200

Conversions

Conversions Part 2

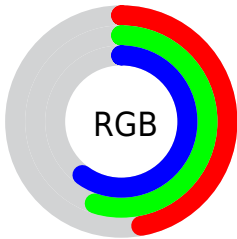
Format	Color
R_{YB}	119, 132, 152
Decimal	7834776
CIE Lab	57.02, -4.75, -8.88
CIE LCh	57, 10.073, 241.894
Yxy	24.9451, 0.2799, 0.3082
Android (android.graphics.Color)	4286024856 (0xFF778C98)
YUV	135.0890, 8.3371, -14.1101
Hunter-Lab	49.9451, -6.4426, -4.6007

Details

The XYZ color **22.6533, 24.9451, 33.3267** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.3952, 24.2399, 20.8462**, and the grayscale version is **23.0371, 24.2368, 26.3939**.

A 20% lighter version of the original color is **47.4456, 51.8105, 65.8923**, and **8.5309, 9.5540, 13.7064** is the 20% darker color. If you saturate the color by 10%, you get **19.9446, 22.3804, 32.9748**, and if you desaturate by 10%, it is **25.7377, 27.7649, 33.7088**.

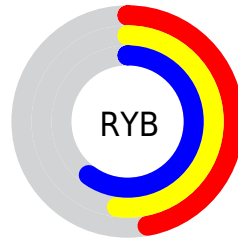
Distribution



Red (47%)

Green (55%)

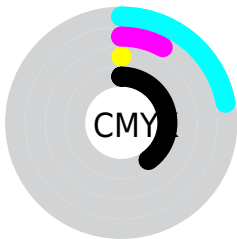
Blue (60%)



Red (47%)

Yellow (52%)

Blue (60%)

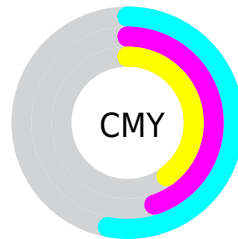


Cyan (22%)

Magenta (8%)

Yellow (0%)

Black (40%)



Cyan (53%)

Magenta (45%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6533, 24.9451, 33.3267 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 22.6533, 24.9451, 33.3267 by changing the saturation by 10% instead.

■ 22.6533, 24.9451,
33.3267

■ 22.6533, 24.9451,
33.3267

258.5080,
277.5644, 331.7963

■ 14.4570, 16.0362,
22.1037

■ 47.2943, 51.5681,
66.0071

■ 8.5230, 9.5497,
13.7341

■ 64.4697, 70.0510,
88.3016

■ 4.4860, 5.1015,
7.7993

■ 85.3688, 92.4940,
115.1237

■ 1.9806, 2.3069,
3.8809

110.3570,
119.2815, 146.8918

■ 0.6230, 0.7774,
1.5602

139.7997,
150.7979, 184.0246

■ 0.0000, 0.0000,
0.2622

174.0622,

■ 0.0000, 0.0000,

187.4276, 226.9406

0.0000

213.5098,
229.5550, 276.0584

■ 22.6533, 24.9451,
33.3267

■ 22.6533, 24.9451,
33.3267

■ 19.9446, 22.3804,
32.9748

■ 25.7377, 27.7649,
33.7088

■ 17.5929, 20.0586,
32.6506

■ 29.2110, 30.8457,
34.1204

■ 15.5814, 17.9705,
32.3536

■ 33.0883, 34.1966,
34.5628

■ 13.8905, 16.1053,
32.0827

■ 37.3834, 37.8256,
35.0369

■ 12.4990, 14.4510,
31.8367

■ 42.1091, 41.7402,
35.5434

■ 11.3825, 12.9941,
31.6144

■ 47.2781, 45.9475,
36.0831

■ 10.5123, 11.7188,
31.4141

■ 52.9021, 50.4546,
36.6567

■ 9.9180, 10.7678,
31.2618

■ 58.9927, 55.2681,
37.2647

■ 65.2650, 60.2419,
37.8942

Harmonies

Analogous

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



21.8290, 24.9451, 30.7530



22.6533, 24.9451, 33.3267



23.7849, 24.9451, 34.2114

Triad

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



22.6533, 24.9451, 33.3267



26.0581, 24.9451, 26.9460



22.5271, 24.9451, 21.9936

Complementary

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



22.6533, 24.9451, 33.3267



24.3952, 24.2399, 20.8462

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.



23.6344, 24.9451, 21.1525



22.6533, 24.9451, 33.3267



25.6952, 24.9451, 23.8601

Square

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



22.6533, 24.9451, 33.3267



25.7746, 24.9451, 30.3493



24.7982, 24.9451, 21.8069



21.7579, 24.9451, 24.2041

Rectangle

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



22.6533, 24.9451, 33.3267



24.5686, 24.9451, 33.6700



24.7982, 24.9451, 21.8069



22.8708, 24.9451, 21.5500

Sweetspot

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



22.6540, 24.9461, 33.3273



48.1463, 51.4361, 59.8243



22.9027, 28.0054, 25.5121



10.8709, 11.6266, 13.5887



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.6540, 24.9461, 33.3273



37.6119, 41.8053, 58.5205



20.4771, 20.5922, 32.6016



6.1956, 6.6486, 7.8857



8.3460, 9.0886, 26.2221



0.1591, 0.2046, 0.4035

Inverse Universe

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



24.2799, 21.7630, 27.7331



41.0419, 35.3309, 46.6648



26.7206, 28.8908, 21.6214



6.3658, 6.2855, 7.3067



12.6714, 6.3228, 10.0606



0.2068, 0.1015, 0.2417

Previews

White Background



This preview shows how the XYZ color 22.6533, 24.9451, 33.3267 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 22.6533, 24.9451, 33.3267 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

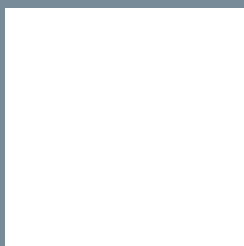
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.6533, 24.9451, 33.3267

Background



This preview shows how black text looks on a background with the XYZ color 22.6533, 24.9451, 33.3267.



This preview shows how white text looks on a background with the XYZ color 22.6533, 24.9451,

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

22.6533, 24.9451, 33.3267

Protanopia

24.2206, 24.9291, 31.9690

Deuteranopia

25.2926, 24.8257, 33.5958



Tritanopia

22.5717, 24.9125, 32.8971

Trichromacy



Original Color

22.6533, 24.9451, 33.3267

Protanomaly

23.5039, 24.7605, 32.3946

Deuteranomaly

24.3854, 24.9766, 33.6727

Tritanomaly

22.5717, 24.9125, 32.8971

Monochromacy



Original Color

22.6533, 24.9451, 33.3267

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.8066, 24.4815, 28.7227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6533, 24.9451, 33.3267 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(119, 140, 152)` looks like.

```
.text, #text, p{  
    color:rgb(119, 140, 152)  
}
```

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(119, 140, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 140, 152) }
```

Border

The CSS property to change the border of an element to XYZ 22.6533, 24.9451, 33.3267 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(119, 140, 152) }
```


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

```
.border{ border-color:rgb(119, 140, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 140, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 140, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 140, 152);  
box-shadow:4px 4px 4px 4px rgb(119, 140,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6533, 24.9451, 33.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 140, 152) }
```

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

```
.background{ background-color: rgb(119,  
140, 152) }
```

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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