

Converting Colors

XYZ(22.5790, 23.0503, 33.4986)

Have a look what the booklet for
XYZ(22.5790, 23.0503, 33.4986)
contains.

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Color

**XYZ(22.4703, 22.9681,
33.3860)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8399
RGB	126, 131, 153
RGB Percent	49%, 51%, 60%
CMY	0.5059, 0.4863, 0.4000
CMYK	0.18, 0.14, 0.00, 0.40
HSL	229°, 12%, 55%
HSV	229°, 18%, 60%
XYZ	22.4703, 22.9681, 33.3860
YIQ	132.0130, -10.0420, 5.7820

Conversions

Conversions Part 2

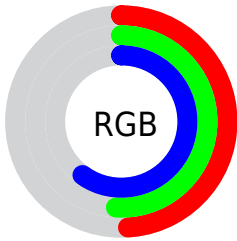
Format	Color
R_{YB}	126, 130, 153
Decimal	8291225
CIE Lab	55.04, 2.96, -12.38
CIE LCh	55, 12.732, 283.455
Yxy	22.9681, 0.2851, 0.2914
Android (android.graphics.Color)	4286481305 (0xFF7E8399)
YUV	132.0130, 10.3466, -5.2734
Hunter-Lab	47.9250, -0.1767, -7.7556

Details

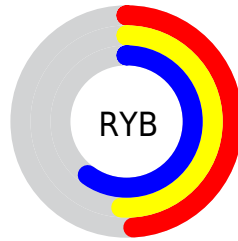
The XYZ color **22.4703, 22.9681, 33.3860** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.4930, 29.4587, 23.9764**, and the grayscale version is **21.9039, 23.0446, 25.0955**.

A 20% lighter version of the original color is **46.9934, 48.3697, 65.8909**, and **8.4761, 8.5717, 13.7781** is the 20% darker color. If you saturate the color by 10%, you get **18.8097, 18.7437, 32.7639**, and if you desaturate by 10%, it is **26.6788, 27.7752, 34.0924**.

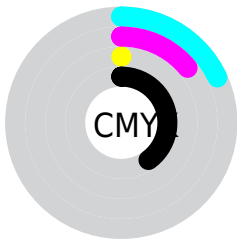
Distribution



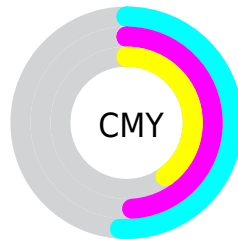
- Red (49%)
- Green (51%)
- Blue (60%)



- Red (49%)
- Yellow (51%)
- Blue (60%)



- Cyan (18%)
- Magenta (14%)
- Yellow (0%)
- Black (40%)



- Cyan (51%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4703, 22.9681, 33.3860 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 22.4703, 22.9681, 33.3860 by changing the saturation by 10% instead.

■ 22.4703, 22.9681,
33.3860

■ 22.4703, 22.9681,
33.3860

257.5790,
267.5611, 332.0707

■ 14.3214, 14.5700,
22.1488

■ 46.9952, 48.3409,
66.1006

■ 8.4277, 8.5181,
13.7669

■ 64.1019, 66.0844,
88.4151

■ 4.4239, 4.4282,
7.8218

■ 84.9252, 87.7118,
115.2592

■ 1.9447, 1.9159,
3.8950

109.8305,
113.6075, 147.0512

■ 0.6026, 0.5579,
1.5679

139.1832,
144.1559, 184.2098

■ 0.0000, 0.0000,
0.2678

173.3486,

■ 0.0000, 0.0000,

179.7413, 227.1536

0.0000

212.6921,
220.7483, 276.3010

■ 22.4703, 22.9681,
33.3860

■ 22.4703, 22.9681,
33.3860

■ 18.8097, 18.7437,
32.7639

■ 26.6788, 27.7752,
34.0924

■ 15.6723, 15.0770,
32.2215

■ 31.4546, 33.1833,
34.8846

■ 13.0343, 11.9450,
31.7560

■ 36.8186, 39.2133,
35.7658

■ 10.8694, 9.3223,
31.3639

■ 42.7899, 45.8843,
36.7387

■ 9.1488, 7.1814,
31.0413

■ 49.3871, 53.2145,
37.8058

■ 7.8403, 5.4917,
30.7842

■ 56.6276, 61.2215,
38.9697

■ 6.9075, 4.2194,
30.5878

■ 64.5283, 69.9220,
40.2327

■ 6.2921, 3.3175,
30.4461

■ 73.1054, 79.3325,
41.5970

■ 6.1732, 3.1466,
30.4194

■ 79.1001, 87.7803,
42.9117

Harmonies

Analogous

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



21.0642, 22.9681, 33.2542



22.4703, 22.9681, 33.3860



23.7576, 22.9681, 31.1077

Triad

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



22.4703, 22.9681, 33.3860



23.8676, 22.9681, 20.0186



19.3227, 22.9681, 22.8526

Complementary

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



22.4703, 22.9681, 33.3860



27.4930, 29.4587, 23.9764

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.



20.0106, 22.9681, 19.7634



22.4703, 22.9681, 33.3860



22.6152, 22.9681, 18.2524

Square

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



22.4703, 22.9681, 33.3860



24.5875, 22.9681, 23.2371



21.2029, 22.9681, 18.1644



19.2877, 22.9681, 26.8674

Rectangle

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



22.4703, 22.9681, 33.3860



24.3584, 22.9681, 28.6581



21.2029, 22.9681, 18.1644



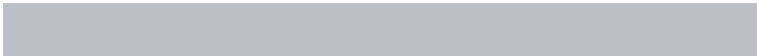
19.4838, 22.9681, 21.6824

Sweetspot

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



22.4710, 22.9690, 33.3865



49.8589, 52.1051, 61.4014



25.3096, 29.3441, 32.1817



10.8922, 11.3723, 13.5385



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.



22.4710, 22.9690, 33.3865



37.6586, 38.1626, 59.3533



23.0587, 22.2989, 33.2262



5.9725, 6.2023, 7.8114



5.1210, 2.6386, 25.1471



0.0967, 0.0797, 0.3827

Inverse Universe

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



24.6951, 23.3334, 24.6759



42.3853, 38.9985, 40.8275



26.8171, 30.3000, 24.1744



6.2532, 6.2404, 6.7136



11.0436, 5.6717, 1.4886



0.1753, 0.0889, 0.0757

Previews

White Background



This preview shows how the XYZ color 22.4703, 22.9681, 33.3860 looks on a white background.

Color Contrast Check

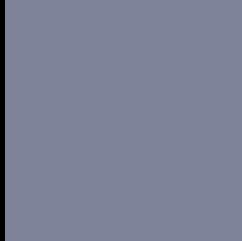
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4703, 22.9681, 33.3860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

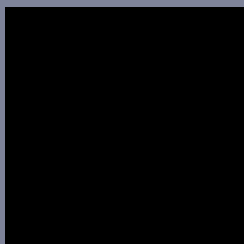
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.4703, 22.9681, 33.3860

Background



This preview shows how black text looks on a background with the XYZ color 22.4703, 22.9681, 33.3860.



This preview shows how white text looks on a background with the XYZ color 22.4703, 22.9681,

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

22.4703, 22.9681, 33.3860

Protanopia

22.7682, 23.1217, 33.3999

Deuteranopia

23.3834, 22.8398, 33.7479



Tritanopia

21.6576, 23.0433, 29.2929

Trichromacy



Original Color

22.4703, 22.9681, 33.3860

Protanomaly

22.6185, 23.0445, 33.3929

Deuteranomaly

23.0431, 22.8589, 33.7696

Tritanomaly

21.9752, 22.9691, 30.8790

Monochromacy



Original Color

22.4703, 22.9681, 33.3860

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.1908, 23.1418, 28.1082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4703, 22.9681, 33.3860 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(126, 131, 153)` looks like.

```
.text, #text, p{  
    color:rgb(126, 131, 153)  
}
```

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(126, 131, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 131, 153) }
```

Border

The CSS property to change the border of an element to XYZ 22.4703, 22.9681, 33.3860 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(126, 131, 153) }
```


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

```
.border{ border-color:rgb(126, 131, 153) }
```

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

Here you see how a box with a 4 pixel rgb(126, 131, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 131, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 131, 153);  
box-shadow:4px 4px 4px 4px rgb(126, 131,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4703, 22.9681, 33.3860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 131, 153) }
```

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

```
.background{ background-color: rgb(126,  
131, 153) }
```

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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