

Converting Colors

XYZ(22.7619, 22.8206, 37.8555)

Have a look what the booklet for
XYZ(22.7619, 22.8206, 37.8555)
contains.

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Color

**XYZ(22.7619, 22.8206,
37.8555)**

Conversions

Conversions Part 1

Format	Color
Hex	7B82A3
RGB	123, 130, 163
RGB Percent	48%, 51%, 64%
CMY	0.5176, 0.4902, 0.3608
CMYK	0.25, 0.20, 0.00, 0.36
HSL	229°, 18%, 56%
HSV	229°, 25%, 64%
XYZ	22.7619, 22.8206, 37.8555
YIQ	131.6690, -14.7650, 8.7790

Conversions

Conversions Part 2

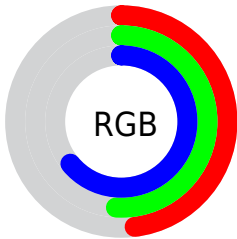
Format	Color
R_{YB}	123, 129, 163
Decimal	8094371
CIE _{Lab}	54.89, 4.95, -18.41
CIE _{LCh}	55, 19.068, 285.050
Yxy	22.8206, 0.2728, 0.2735
Android (android.graphics.Color)	4286284451 (0xFF7B82A3)
YUV	131.6690, 15.4462, -7.6027
Hunter-Lab	47.7709, 1.4526, -13.5440

Details

The XYZ color **22.7619, 22.8206, 37.8555** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **30.5682, 32.9937, 23.4969**, and the grayscale version is **21.7637, 22.8971, 24.9349**.

A 20% lighter version of the original color is **47.4929, 48.1590, 73.1221**, and **8.5593, 8.4490, 16.2186** is the 20% darker color. If you saturate the color by 10%, you get **18.9482, 18.3710, 37.1980**, and if you desaturate by 10%, it is **27.1991, 27.9397, 38.6101**.

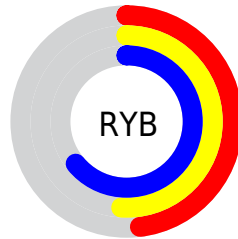
Distribution



Red (48%)

Green (51%)

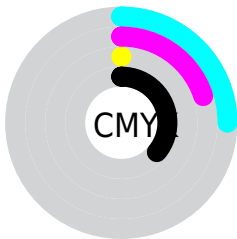
Blue (64%)



Red (48%)

Yellow (51%)

Blue (64%)

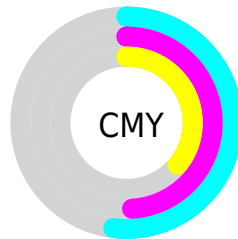


Cyan (25%)

Magenta (20%)

Yellow (0%)

Black (36%)



Cyan (52%)

Magenta (49%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7619, 22.8206, 37.8555 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 22.7619, 22.8206, 37.8555 by changing the saturation by 10% instead.

■ 22.7619, 22.8206,
37.8555

■ 22.7619, 22.8206,
37.8555

259.0579,
266.8022, 352.2793

■ 14.5375, 14.4611,
25.5696

■ 47.4716, 48.0986,
73.0876

■ 8.5797, 8.4421,
16.2791

■ 64.6877, 65.7859,
96.8708

■ 4.5229, 4.3791,
9.5653

■ 85.6316, 87.3512,
125.3236

■ 2.0020, 1.8878,
5.0099

110.6689,
113.1789, 158.8644

■ 0.6351, 0.5410,
2.1942

140.1648,
143.6535, 197.9119

■ 0.0000, 0.0000,
0.6710

174.4847,

■ 0.0000, 0.0000,

179.1593, 242.8845

0.0000

213.9940,
220.0808, 294.2008

■ 22.7619, 22.8206,
37.8555

■ 22.7619, 22.8206,
37.8555

■ 18.9482, 18.3710,
37.1980

■ 27.1991, 27.9397,
38.6101

■ 15.7276, 14.5604,
36.6322

■ 32.2840, 33.7518,
39.4640

■ 13.0705, 11.3596,
36.1545

■ 38.0421, 40.2827,
40.4210

■ 10.9436, 8.7365,
35.7603

■ 44.4971, 47.5559,
41.4847

■ 9.3102, 6.6555,
35.4447

■ 51.6712, 55.5938,
42.6581

■ 8.1286, 5.0771,
35.2023

■ 59.5859, 64.4181,
43.9442

■ 7.3494, 3.9559,
35.0270

■ 68.2616, 74.0493,
45.3459

■ 7.0389, 3.5002,
34.9554

■ 77.7181, 84.5074,
46.8661

■ 82.3566, 92.9157,
48.2446

Harmonies

Analogous

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



20.6595, 22.8206, 37.8625



22.7619, 22.8206, 37.8555



24.6930, 22.8206, 34.0028

Triad

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



22.7619, 22.8206, 37.8555



24.6875, 22.8206, 17.4925



17.9988, 22.8206, 21.9667

Complementary

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



22.7619, 22.8206, 37.8555



30.5682, 32.9937, 23.4969

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.



18.9415, 22.8206, 17.5039



22.7619, 22.8206, 37.8555



22.7548, 22.8206, 15.2203

Square

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



22.7619, 22.8206, 37.8555



25.8528, 22.8206, 21.9486



20.6529, 22.8206, 15.2241



18.0004, 22.8206, 27.9915

Rectangle

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



22.7619, 22.8206, 37.8555



25.5843, 22.8206, 30.0834



20.6529, 22.8206, 15.2241



18.2129, 22.8206, 20.2578

Sweetspot

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



22.7626, 22.8215, 37.8560



55.3441, 57.6277, 70.2624



27.2387, 32.7949, 36.1996



12.3139, 12.8104, 15.7612



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



22.7626, 22.8215, 37.8560



37.2146, 36.7404, 67.1863



23.7937, 22.0173, 37.6464



6.7961, 7.0511, 8.9059



5.4950, 2.7694, 27.1747



0.1419, 0.1110, 0.5798

Inverse Universe

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



26.2171, 23.5648, 24.2868



44.4346, 38.4182, 38.7984



29.3120, 34.1406, 23.7845



7.1220, 7.1053, 7.6291



11.9191, 6.1237, 1.4986



0.2638, 0.1340, 0.1017

Previews

White Background



This preview shows how the XYZ color 22.7619, 22.8206, 37.8555 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 22.7619, 22.8206, 37.8555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

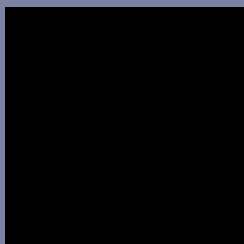
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.7619, 22.8206, 37.8555

Background



This preview shows how black text looks on a background with the XYZ color 22.7619, 22.8206, 37.8555.



This preview shows how white text looks on a background with the XYZ color 22.7619, 22.8206,

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

22.7619, 22.8206, 37.8555

Protanopia

22.7619, 22.8206, 37.8555

Deuteranopia

23.3632, 22.9341, 37.8457



Tritanopia

21.0293, 22.7106, 29.6608

Trichromacy



Original Color

22.7619, 22.8206, 37.8555

Protanomaly

22.7619, 22.8206, 37.8555

Deuteranomaly

23.0653, 22.7805, 37.8317

Tritanomaly

21.5829, 22.7300, 32.5279

Monochromacy



Original Color

22.7619, 22.8206, 37.8555

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.1275, 22.8829, 29.2372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7619, 22.8206, 37.8555 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(123, 130, 163)` looks like.

```
.text, #text, p{  
    color:rgb(123, 130, 163)  
}
```

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(123, 130, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 130, 163) }
```

Border

The CSS property to change the border of an element to XYZ 22.7619, 22.8206, 37.8555 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(123, 130, 163) }
```


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

```
.border{ border-color:rgb(123, 130, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 130, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 130, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 130, 163);  
box-shadow:4px 4px 4px 4px rgb(123, 130,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7619, 22.8206, 37.8555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 130, 163) }
```

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

```
.background{ background-color: rgb(123,  
130, 163) }
```

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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