

Converting Colors

XYZ(21.8874, 22.4876, 32.8014)

Have a look what the booklet for
XYZ(21.8874, 22.4876, 32.8014)
contains.

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Color

**XYZ(21.9623, 22.5173,
32.8945)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8298
RGB	124, 130, 152
RGB Percent	49%, 51%, 60%
CMY	0.5137, 0.4902, 0.4039
CMYK	0.18, 0.14, 0.00, 0.40
HSL	227°, 12%, 54%
HSV	227°, 18%, 60%
XYZ	21.9623, 22.5173, 32.8945
YIQ	130.7140, -10.6380, 5.5700

Conversions

Conversions Part 2

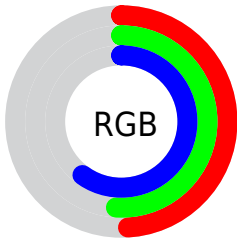
Format	Color
R_YB	124, 129, 152
Decimal	8159896
CIE Lab	54.57, 2.63, -12.52
CIE LCh	55, 12.798, 281.866
Yxy	22.5173, 0.2838, 0.2910
Android (android.graphics.Color)	4286349976 (0xFF7C8298)
YUV	130.7140, 10.4940, -5.8882
Hunter-Lab	47.4524, -0.4269, -7.8838

Details

The XYZ color **21.9623, 22.5173, 32.8945** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.8661, 28.6885, 23.1908**, and the grayscale version is **21.4385, 22.5549, 24.5623**.

A 20% lighter version of the original color is **46.2055, 47.6703, 65.1585**, and **8.1930, 8.3203, 13.4861** is the 20% darker color. If you saturate the color by 10%, you get **18.4354, 18.4768, 32.3009**, and if you desaturate by 10%, it is **26.0136, 27.1030, 33.5665**.

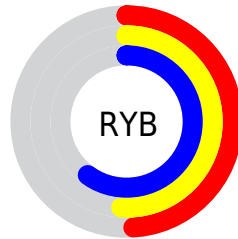
Distribution



Red (49%)

Green (51%)

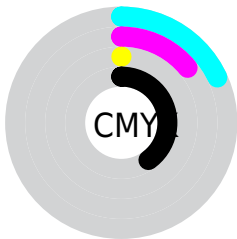
Blue (60%)



Red (49%)

Yellow (51%)

Blue (60%)

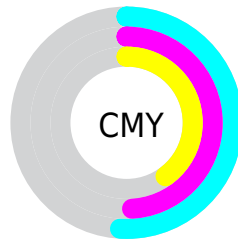


Cyan (18%)

Magenta (14%)

Yellow (0%)

Black (40%)



Cyan (51%)

Magenta (49%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9623, 22.5173, 32.8945 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 21.9623, 22.5173, 32.8945 by changing the saturation by 10% instead.

■ 21.9623, 22.5173,
32.8945

■ 21.9623, 22.5173,
32.8945

254.9854,
265.2360, 329.7915

■ 13.9456, 14.2375,
21.7752

■ 46.1630, 47.5995,
65.3249

■ 8.1643, 8.2860,
13.4951

■ 63.0778, 65.1707,
87.4731

■ 4.2530, 4.2785,
7.6356

■ 83.6893, 86.6078,
114.1346

■ 1.8462, 1.8305,
3.7783

108.3629,
112.2952, 145.7280

■ 0.5453, 0.5061,
1.5045

137.4639,
142.6174, 182.6719

■ 0.0000, 0.0000,
0.2213

171.3578,

■ 0.0000, 0.0000,

177.9586, 225.3847

0.0000

210.4098,
218.7033, 274.2851

■ 21.9623, 22.5173,
32.8945

■ 21.9623, 22.5173,
32.8945

■ 18.4354, 18.4768,
32.3009

■ 26.0136, 27.1030,
33.5665

■ 15.4091, 14.9581,
31.7812

■ 30.6076, 32.2506,
34.3179

■ 12.8608, 11.9404,
31.3330

■ 35.7645, 37.9793,
35.1519

■ 10.7653, 9.4003,
30.9532

■ 41.5025, 44.3068,
36.0708

■ 9.0950, 7.3123,
30.6382

■ 47.8392, 51.2499,
37.0770

■ 7.8191, 5.6485,
30.3843

■ 54.7914, 58.8248,
38.1726

■ 6.9026, 4.3777,
30.1873

■ 62.3751, 67.0470,
39.3600

■ 6.2830, 3.4533,
30.0415

■ 70.6060, 75.9315,
40.6410

■ 6.1998, 3.3315,
30.0224

■ 77.3319, 84.3757,
41.9164

Harmonies

Analogous

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



20.5722, 22.5173, 32.6289



21.9623, 22.5173, 32.8945



23.2559, 22.5173, 30.7418

Triad

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



21.9623, 22.5173, 32.8945



23.4774, 22.5173, 19.7083



18.9362, 22.5173, 22.1877

Complementary

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



21.9623, 22.5173, 32.8945



26.8661, 28.6885, 23.1908

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.



19.6493, 22.5173, 19.1958



21.9623, 22.5173, 32.8945



22.2538, 22.5173, 17.8759

Square

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



21.9623, 22.5173, 32.8945



24.1559, 22.5173, 22.9609



20.8513, 22.5173, 17.6991



18.8658, 22.5173, 26.1430

Rectangle

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



21.9623, 22.5173, 32.8945



23.8736, 22.5173, 28.3493



20.8513, 22.5173, 17.6991



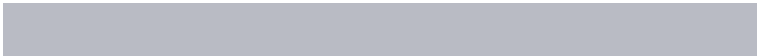
19.1072, 22.5173, 21.0476

Sweetspot

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



21.9630, 22.5182, 32.8950



47.6977, 49.8428, 59.5403



24.7240, 28.8152, 31.4262



10.7373, 11.2120, 13.5157



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.



21.9630, 22.5182, 32.8950



36.1624, 36.7745, 57.6259



22.3810, 21.5830, 32.6925



5.9865, 6.2303, 7.8160



5.2179, 2.8324, 25.1794



0.1007, 0.0877, 0.3840

Inverse Universe

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



24.1864, 22.7030, 24.2274



40.8306, 37.2386, 39.4102



26.3800, 29.8474, 23.4401



6.2603, 6.2433, 6.7508



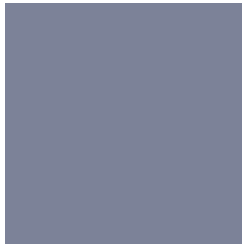
11.0925, 5.6912, 1.7461



0.1773, 0.0897, 0.0864

Previews

White Background



This preview shows how the XYZ color 21.9623, 22.5173, 32.8945 looks on a white background.

Color Contrast Check

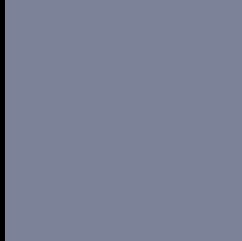
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9623, 22.5173, 32.8945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

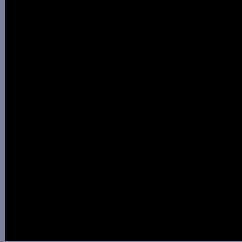
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.9623, 22.5173, 32.8945

Background



This preview shows how black text looks on a background with the XYZ color 21.9623, 22.5173, 32.8945.



This preview shows how white text looks on a background with the XYZ color 21.9623, 22.5173,

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

21.9623, 22.5173, 32.8945

Protanopia

22.1219, 22.4031, 32.8640

Deuteranopia

22.8549, 22.3842, 33.2530



Tritanopia

21.1598, 22.5931, 28.8368

Trichromacy



Original Color

21.9623, 22.5173, 32.8945

Protanomaly

21.9752, 22.3275, 32.8572

Deuteranomaly

22.5222, 22.4054, 33.2746

Tritanomaly

21.4730, 22.5189, 30.4090

Monochromacy



Original Color

21.9623, 22.5173, 32.8945

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.6786, 22.6859, 27.6623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9623, 22.5173, 32.8945 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(124, 130, 152)` looks like.

```
.text, #text, p{  
    color:rgb(124, 130, 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(124, 130, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 130, 152) }
```

Border

The CSS property to change the border of an element to XYZ 21.9623, 22.5173, 32.8945 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(124, 130, 152) }
```


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

```
.border{ border-color:rgb(124, 130, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 130, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 130, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 130, 152);  
box-shadow:4px 4px 4px 4px rgb(124, 130,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9623, 22.5173, 32.8945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 130, 152) }
```

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

```
.background{ background-color: rgb(124,  
130, 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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