

Converting Colors

XYZ(21.6965, 25.4898, 33.4294)

Have a look what the booklet for
XYZ(21.6965, 25.4898, 33.4294)
contains.

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Color

**XYZ(21.7368, 25.5820,
33.4979)**

Conversions

Conversions Part 1

Format	Color
Hex	6A9198
RGB	106, 145, 152
RGB Percent	42%, 57%, 60%
CMY	0.5843, 0.4314, 0.4039
CMYK	0.30, 0.05, 0.00, 0.40
HSL	189°, 18%, 51%
HSV	189°, 30%, 60%
XYZ	21.7368, 25.5820, 33.4979
YIQ	134.1370, -25.4910, -6.0910

Conversions

Conversions Part 2

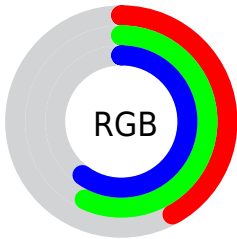
Format	Color
R_{YB}	106, 127, 152
Decimal	6984088
CIE _{Lab}	57.64, -11.64, -8.05
CIE _{LCh}	58, 14.154, 214.677
Yxy	25.5820, 0.2690, 0.3165
Android (android.graphics.Color)	4285174168 (0xFF6A9198)
YUV	134.1370, 8.8065, -24.6761
Hunter-Lab	50.5787, -11.8001, -3.8623

Details

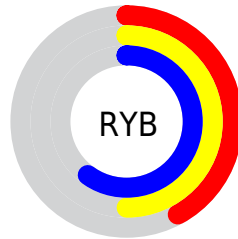
The XYZ color **21.7368, 25.5820, 33.4979** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.4559, 19.5265, 16.2745**, and the grayscale version is **22.6863, 23.8678, 25.9920**.

A 20% lighter version of the original color is **45.8621, 52.6740, 66.1424**, and **8.0721, 9.9648, 13.8099** is the 20% darker color. If you saturate the color by 10%, you get **19.7385, 24.0332, 33.3047**, and if you desaturate by 10%, it is **24.0640, 27.3123, 33.7097**.

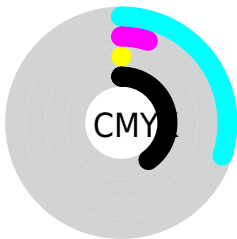
Distribution



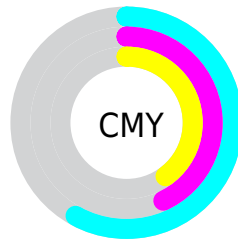
- Red (42%)
- Green (57%)
- Blue (60%)



- Red (42%)
- Yellow (50%)
- Blue (60%)



- Cyan (30%)
- Magenta (5%)
- Yellow (0%)
- Black (40%)



- Cyan (58%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7368, 25.5820, 33.4979 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 21.7368, 25.5820, 33.4979 by changing the saturation by 10% instead.

■ 21.7368, 25.5820,
33.4979

■ 21.7368, 25.5820,
33.4979

253.8270,
280.7241, 332.5879

■ 13.7792, 16.5112,
22.2339

■ 45.7927, 52.5998,
66.2770

■ 8.0479, 9.8866,
13.8289

■ 62.6217, 71.3157,
88.6293

■ 4.1777, 5.3238,
7.8644

■ 83.1384, 94.0153,
115.5147

■ 1.8031, 2.4385,
3.9218

■ 107.7084,
121.0831, 147.3517

■ 0.5196, 0.8456,
1.5825

136.6968,
152.9035, 184.5591

■ 0.0000, 0.0000,
0.2783

170.4692,

■ 0.0000, 0.0000,

189.8608, 227.5552

0.0000

209.3908,
232.3396, 276.7586

■ 21.7368, 25.5820,
33.4979

■ 21.7368, 25.5820,
33.4979

■ 19.7385, 24.0332,
33.3047

■ 24.0640, 27.3123,
33.7097

■ 18.0500, 22.6541,
33.1275

■ 26.7335, 29.2292,
33.9389

■ 16.6533, 21.4360,
32.9660

■ 29.7608, 31.3413,
34.1871

■ 15.5281, 20.3683,
32.8192

■ 33.1597, 33.6558,
34.4547

■ 14.6510, 19.4390,
32.6861

■ 36.9432, 36.1796,
34.7424

■ 13.9948, 18.6339,
32.5653

■ 41.1239, 38.9191,
35.0508

■ 13.5015, 17.9349,
32.4563

■ 45.7135, 41.8804,
35.3805

■ 50.7234, 45.0695,
35.7320

■ 56.1646, 48.4921,
36.1059

Harmonies

Analogous

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



21.2149, 25.5820, 28.6209



21.7368, 25.5820, 33.4979



22.9500, 25.5820, 37.1521

Triad

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



21.7368, 25.5820, 33.4979



27.3753, 25.5820, 32.0321



24.0507, 25.5820, 19.5631

Complementary

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



21.7368, 25.5820, 33.4979



21.4559, 19.5265, 16.2745

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.



25.7329, 25.5820, 20.2539



21.7368, 25.5820, 33.4979



27.7031, 25.5820, 27.1018

Square

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



21.7368, 25.5820, 33.4979



26.2129, 25.5820, 36.2393



27.0892, 25.5820, 22.8833



22.5108, 25.5820, 20.8743

Rectangle

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



21.7368, 25.5820, 33.4979



24.0144, 25.5820, 38.1977



27.0892, 25.5820, 22.8833



24.6180, 25.5820, 19.5704

Sweetspot

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



21.7376, 25.5830, 33.4985



47.7364, 51.9800, 59.9508



20.1477, 26.7112, 19.6878



10.6944, 11.7045, 13.6130



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.



21.7376, 25.5830, 33.4985



36.0323, 43.3594, 58.9038



18.5838, 19.2755, 32.4472



6.3045, 6.8664, 7.9220



11.3385, 15.0737, 27.2196



0.1885, 0.2634, 0.4133

Inverse Universe

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



23.2144, 19.0285, 29.2386



39.0941, 30.1467, 49.9879



24.3410, 25.2967, 17.2362



6.4208, 6.3075, 7.5961



14.1819, 6.9270, 18.0149



0.2216, 0.1074, 0.3199

Previews

White Background



This preview shows how the XYZ color 21.7368, 25.5820, 33.4979 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 21.7368, 25.5820, 33.4979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

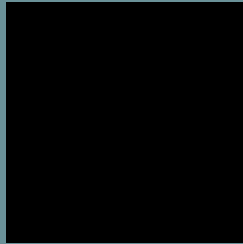
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.7368, 25.5820, 33.4979

Background



This preview shows how black text looks on a background with the XYZ color 21.7368, 25.5820, 33.4979.

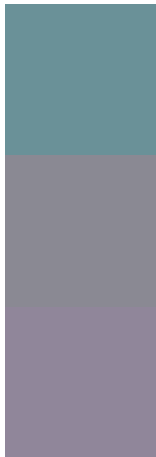


This preview shows how white text looks on a background with the XYZ color 21.7368, 25.5820,

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

21.7368, 25.5820, 33.4979

Protanopia

24.6934, 25.4012, 31.2052

Deuteranopia

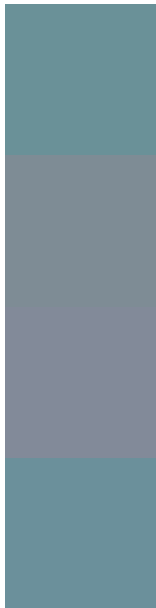
25.8594, 25.3126, 34.0947



Tritanopia

22.0374, 25.4726, 35.2077

Trichromacy



Original Color

21.7368, 25.5820, 33.4979

Protanomaly

23.4071, 25.3617, 32.0954

Deuteranomaly

24.0442, 25.2227, 33.7382

Tritanomaly

21.9531, 25.4389, 34.7635

Monochromacy



Original Color

21.7368, 25.5820, 33.4979

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.2084, 24.3851, 28.7356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7368, 25.5820, 33.4979 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(106, 145, 152)` looks like.

```
.text, #text, p{  
    color:rgb(106, 145, 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(106, 145, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 145, 152) }
```

Border

The CSS property to change the border of an element to XYZ 21.7368, 25.5820, 33.4979 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(106, 145, 152) }
```


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

```
.border{ border-color:rgb(106, 145, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 145, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 145, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 145, 152);  
box-shadow:4px 4px 4px 4px rgb(106, 145,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7368, 25.5820, 33.4979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 145, 152) }
```

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

```
.background{ background-color: rgb(106,  
145, 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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