

Converting Colors

XYZ(21.3854, 25.2970, 27.9165)

Have a look what the booklet for
XYZ(21.3854, 25.2970, 27.9165)
contains.

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Color

**XYZ(21.3708, 25.2922,
27.8003)**

Conversions

Conversions Part 1

Format	Color
Hex	71908A
RGB	113, 144, 138
RGB Percent	44%, 56%, 54%
CMY	0.5569, 0.4353, 0.4588
CMYK	0.22, 0.00, 0.04, 0.44
HSL	168°, 12%, 50%
HSV	168°, 22%, 56%
XYZ	21.3708, 25.2922, 27.8003
YIQ	134.0470, -16.5500, -8.4380

Conversions

Conversions Part 2

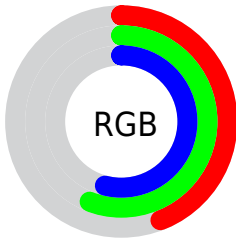
Format	Color
R_{YB}	113, 130, 144
Decimal	7442570
CIE _{Lab}	57.36, -12.16, -0.40
CIE _{LCh}	57, 12.169, 181.879
Yxy	25.2922, 0.2870, 0.3397
Android (android.graphics.Color)	4285632650 (0xFF71908A)
YUV	134.0470, 1.9488, -18.4582
Hunter-Lab	50.2914, -12.1581, 2.4293

Details

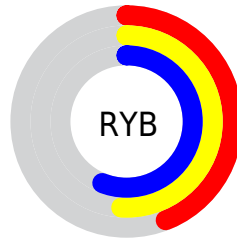
The XYZ color **21.3708, 25.2922, 27.8003** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.7374, 19.0722, 20.0422**, and the grayscale version is **22.6753, 23.8562, 25.9793**.

A 20% lighter version of the original color is **45.1151, 52.1491, 56.9782**, and **7.8785, 9.8000, 10.7089** is the 20% darker color. If you saturate the color by 10%, you get **19.4641, 24.3329, 26.6713**, and if you desaturate by 10%, it is **23.5782, 26.4072, 28.9715**.

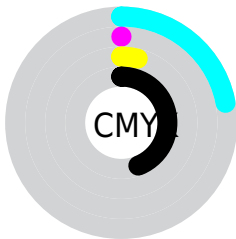
Distribution



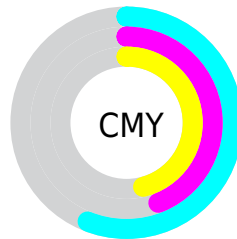
- Red (44%)
- Green (56%)
- Blue (54%)



- Red (44%)
- Yellow (51%)
- Blue (56%)



- Cyan (22%)
- Magenta (0%)
- Yellow (4%)
- Black (44%)



- Cyan (56%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3708, 25.2922, 27.8003 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 21.3708, 25.2922, 27.8003 by changing the saturation by 10% instead.

■ 21.3708, 25.2922,
27.8003

■ 21.3708, 25.2922,
27.8003

251.9372,
279.2900, 305.3933

■ 13.5093, 16.2949,
17.9374

■ 45.1905, 52.1309,
57.1847

■ 7.8596, 9.7331,
10.7361

■ 61.8794, 70.7410,
77.5433

■ 4.0563, 5.2223,
5.7777

■ 82.2415, 93.3242,
102.2377

■ 1.7340, 2.3783,
2.6438

■ 106.6421,
120.2649, 131.6862

■ 0.4774, 0.8147,
0.9149

135.4466,
151.9474, 166.3075

■ 0.0000, 0.0000,
0.0000

169.0204,

188.7561, 206.5201

207.7288,
231.0756, 252.7425

■ 21.3708, 25.2922,
27.8003

■ 21.3708, 25.2922,
27.8003

■ 19.4641, 24.3329,
26.6713

■ 23.5782, 26.4072,
28.9715

■ 17.8419, 23.5191,
25.5820

■ 26.0969, 27.6814,
30.1839

■ 16.4901, 22.8441,
24.5320

■ 28.9400, 29.1223,
31.4390

■ 15.3923, 22.2994,
23.5203

■ 32.1190, 30.7356,
32.7374

■ 14.5302, 21.8756,
22.5458

■ 35.6447, 32.5272,
34.0799

■ 13.8832, 21.5622,
21.6075

■ 39.5277, 34.5022,
35.4672

■ 13.4271, 21.3466,
20.7040

■ 43.7781, 36.6660,
36.8998

■ 13.1333, 21.2112,
19.9628

■ 48.4053, 39.0235,
38.3785

■ 53.4186, 41.5794,
39.9038

Harmonies

Analogous

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



21.6738, 25.2922, 23.9596



21.3708, 25.2922, 27.8003



21.7588, 25.2922, 31.9538

Triad

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



21.3708, 25.2922, 27.8003



25.5353, 25.2922, 34.8553



25.3716, 25.2922, 21.1065

Complementary

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



21.3708, 25.2922, 27.8003



20.7374, 19.0722, 20.0422

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.



26.4742, 25.2922, 23.5507



21.3708, 25.2922, 27.8003



26.5714, 25.2922, 31.4580

Square

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



21.3708, 25.2922, 27.8003



24.1306, 25.2922, 36.2719



26.9216, 25.2922, 27.2792



23.9486, 25.2922, 20.3338

Rectangle

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



21.3708, 25.2922, 27.8003



22.3665, 25.2922, 34.2776



26.9216, 25.2922, 27.2792



25.7939, 25.2922, 21.7469

Sweetspot

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



21.3715, 25.2932, 27.8009



43.9159, 47.7530, 52.2433



20.5900, 25.0759, 19.3783



10.0133, 10.9217, 11.9528



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.3715, 25.2932, 27.8009



35.9445, 43.7287, 48.0261



20.4671, 22.7696, 29.7030



5.5161, 6.0987, 6.6837



11.4444, 18.4736, 17.4264



0.1168, 0.1796, 0.2057

Inverse Universe

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



20.7374, 19.0722, 20.0422



34.6149, 30.6739, 31.7498



21.4795, 21.1153, 18.5669



5.4489, 5.4401, 5.8620



10.2041, 5.2387, 1.4603



0.1039, 0.0526, 0.0472

Previews

White Background



This preview shows how the XYZ color 21.3708, 25.2922, 27.8003 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 21.3708, 25.2922, 27.8003 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 21.3708, 25.2922, 27.8003

Background



This preview shows how black text looks on a background with the XYZ color 21.3708, 25.2922, 27.8003.



This preview shows how white text looks on a background with the XYZ color 21.3708, 25.2922,

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

21.3708, 25.2922, 27.8003

Protanopia

24.2332, 25.2753, 26.1556

Deuteranopia

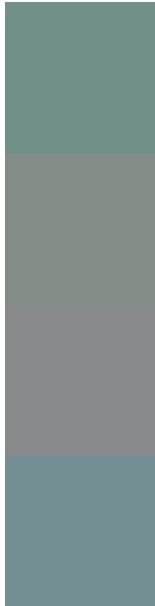
25.5156, 25.0581, 28.3028



Tritanopia

22.6252, 25.3589, 33.8393

Trichromacy



Original Color

21.3708, 25.2922, 27.8003

Protanomaly

23.1113, 25.3307, 26.5929

Deuteranomaly

23.7592, 24.9896, 27.9973

Tritanomaly

22.2380, 25.4279, 31.7530

Monochromacy



Original Color

21.3708, 25.2922, 27.8003

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.0658, 24.3618, 26.4610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3708, 25.2922, 27.8003 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(113, 144, 138)` looks like.

```
.text, #text, p{  
    color:rgb(113, 144, 138)  
}
```

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(113, 144, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 144, 138) }
```

Border

The CSS property to change the border of an element to XYZ 21.3708, 25.2922, 27.8003 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(113, 144, 138) }
```


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

```
.border{ border-color:rgb(113, 144, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 144, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 144, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 144, 138);  
box-shadow:4px 4px 4px 4px rgb(113, 144,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3708, 25.2922, 27.8003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 144, 138) }
```

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

```
.background{ background-color: rgb(113,  
144, 138) }
```

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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