

Converting Colors

XYZ(20.9431, 21.6982, 28.0895)

Have a look what the booklet for
XYZ(20.9431, 21.6982, 28.0895)
contains.

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Color

**XYZ(20.9843, 21.7214,
28.2860)**

Conversions

Conversions Part 1

Format	Color
Hex	7D808D
RGB	125, 128, 141
RGB Percent	49%, 50%, 55%
CMY	0.5098, 0.4980, 0.4471
CMYK	0.11, 0.09, 0.00, 0.45
HSL	229°, 7%, 52%
HSV	229°, 11%, 55%
XYZ	20.9843, 21.7214, 28.2860
YIQ	128.5850, -5.9610, 3.4070

Conversions

Conversions Part 2

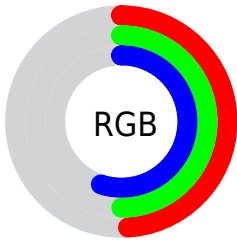
Format	Color
R_{YB}	125, 128, 141
Decimal	8224909
CIE Lab	53.73, 1.64, -7.39
CIE LCh	54, 7.569, 282.475
Yxy	21.7214, 0.2956, 0.3060
Android (android.graphics.Color)	4286414989 (0xFF7D808D)
YUV	128.5850, 6.1206, -3.1440
Hunter-Lab	46.6062, -1.1918, -3.3596

Details

The XYZ color **20.9843, 21.7214, 28.2860** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7747, 25.3201, 23.0365**, and the grayscale version is **20.7025, 21.7807, 23.7192**.

A 20% lighter version of the original color is **44.7343, 46.4529, 58.2383**, and **7.6648, 7.8838, 11.0153** is the 20% darker color. If you saturate the color by 10%, you get **17.6597, 17.9139, 27.7266**, and if you desaturate by 10%, it is **24.7711, 26.0188, 28.9162**.

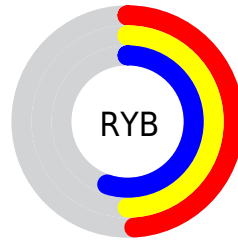
Distribution



Red (49%)

Green (50%)

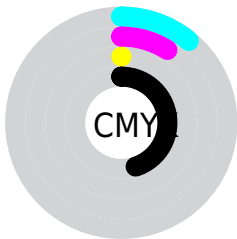
Blue (55%)



Red (49%)

Yellow (50%)

Blue (55%)

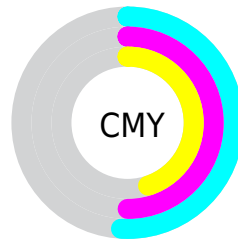


Cyan (11%)

Magenta (9%)

Yellow (0%)

Black (45%)



Cyan (51%)

Magenta (50%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9843, 21.7214, 28.2860 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 20.9843, 21.7214, 28.2860 by changing the saturation by 10% instead.

■ 20.9843, 21.7214,
28.2860

■ 20.9843, 21.7214,
28.2860

249.9283,
261.0879, 307.7858

■ 13.2249, 13.6523,
18.3004

■ 44.5529, 46.2851,
57.9693

■ 7.6617, 7.8793,
10.9942

■ 61.0928, 63.5485,
78.5042

■ 3.9292, 4.0178,
5.9488

■ 81.2902, 84.6455,
103.3925

■ 1.6622, 1.6835,
2.7457

105.5106,
109.9605, 133.0529

■ 0.4324, 0.4130,
0.9663

134.1193,
139.8778, 167.9039

■ 0.0000, 0.0000,
0.0000

167.4815,

174.7819, 208.3640

205.9628,
215.0571, 254.8518

■ 20.9843, 21.7214,
28.2860

■ 20.9843, 21.7214,
28.2860

■ 17.6597, 17.9139,
27.7266

■ 24.7711, 26.0188,
28.9162

■ 14.7775, 14.5759,
27.2343

■ 29.0351, 30.8199,
29.6182

■ 12.3195, 11.6900,
26.8068

■ 33.7928, 36.1413,
30.3946

■ 10.2651, 9.2364,
26.4415

■ 39.0595, 41.9983,
31.2475

■ 8.5923, 7.1937,
26.1353

■ 44.8498, 48.4052,
32.1790

■ 7.2767, 5.5388,
25.8852

■ 51.1777, 55.3761,
33.1910

■ 6.2912, 4.2461,
25.6877

■ 58.0566, 62.9242,
34.2854

■ 5.6043, 3.2869,
25.5387

■ 65.4995, 71.0626,
35.4639

■ 5.1874, 2.6823,
25.4440

■ 73.5189, 79.8039,
36.7285

Harmonies

Analogous

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



20.1794, 21.7214, 28.1714



20.9843, 21.7214, 28.2860



21.7168, 21.7214, 27.1010

Triad

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



20.9843, 21.7214, 28.2860



21.8175, 21.7214, 20.7609



19.1936, 21.7214, 22.3312

Complementary

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



20.9843, 21.7214, 28.2860



23.7747, 25.3201, 23.0365

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.



19.6101, 21.7214, 20.5068



20.9843, 21.7214, 28.2860



21.1188, 21.7214, 19.6419

Square

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



20.9843, 21.7214, 28.2860



22.2062, 21.7214, 22.6990



20.3104, 21.7214, 19.5520



19.1598, 21.7214, 24.6290

Rectangle

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



20.9843, 21.7214, 28.2860



22.0598, 21.7214, 25.7759



20.3104, 21.7214, 19.5520



19.2930, 21.7214, 21.6461

Sweetspot

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



20.9849, 21.7223, 28.2865



43.1363, 45.2103, 51.5808



22.5556, 25.2393, 27.6521



9.5168, 9.9645, 11.5012



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



20.9849, 21.7223, 28.2865



35.7373, 36.7972, 50.3469



21.3169, 21.3207, 28.1915



5.2064, 5.4086, 6.7983



4.7391, 2.4642, 23.2029



0.0575, 0.0479, 0.2259

Inverse Universe

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



22.2149, 21.8889, 23.4773



38.4663, 37.1936, 39.6702



23.4128, 25.7818, 23.1447



5.4477, 5.4396, 5.8554



10.1952, 5.2351, 1.4133



0.1036, 0.0525, 0.0459

Previews

White Background



This preview shows how the XYZ color 20.9843, 21.7214, 28.2860 looks on a white background.

Color Contrast Check

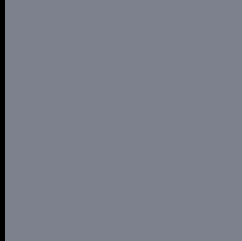
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.9843, 21.7214, 28.2860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

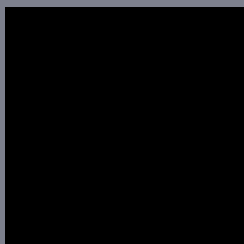
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

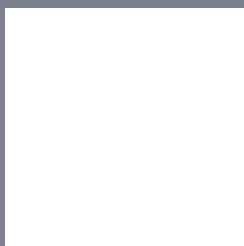
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.9843, 21.7214, 28.2860

Background



This preview shows how black text looks on a background with the XYZ color 20.9843, 21.7214, 28.2860.



This preview shows how white text looks on a background with the XYZ color 20.9843, 21.7214,

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

20.9843, 21.7214, 28.2860

Protanopia

21.1495, 21.6139, 28.2565

Deuteranopia

22.2078, 21.7711, 28.6230



Tritanopia

20.8368, 21.6624, 27.5091

Trichromacy



Original Color

20.9843, 21.7214, 28.2860

Protanomaly

21.0013, 21.5375, 28.2496

Deuteranomaly

21.7034, 21.7000, 28.6358

Tritanomaly

20.9102, 21.6918, 27.8958

Monochromacy



Original Color

20.9843, 21.7214, 28.2860

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.9860, 21.9832, 25.3274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9843, 21.7214, 28.2860 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(125, 128, 141)` looks like.

```
.text, #text, p{  
    color:rgb(125, 128, 141)  
}
```

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(125, 128, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 128, 141) }
```

Border

The CSS property to change the border of an element to XYZ 20.9843, 21.7214, 28.2860 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(125, 128, 141) }
```


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

```
.border{ border-color:rgb(125, 128, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 128, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 128, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 128, 141);  
box-shadow:4px 4px 4px 4px rgb(125, 128,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9843, 21.7214, 28.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 128, 141) }
```

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

```
.background{ background-color: rgb(125,  
128, 141) }
```

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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