

Converting Colors

XYZ(21.0765, 21.2488, 26.9225)

Have a look what the booklet for
XYZ(21.0765, 21.2488, 26.9225)
contains.

XYZ(21.1270, 21.2480, 27.0325)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.1270, 21.2480,
27.0325)**

Conversions

Conversions Part 1

Format	Color
Hex	827D8A
RGB	130, 125, 138
RGB Percent	51%, 49%, 54%
CMY	0.4902, 0.5098, 0.4588
CMYK	0.06, 0.09, 0.00, 0.46
HSL	263°, 5%, 52%
HSV	263°, 9%, 54%
XYZ	21.1270, 21.2480, 27.0325
YIQ	127.9770, -1.1930, 5.1030

Conversions

Conversions Part 2

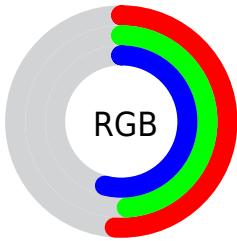
Format	Color
R_{YB}	130, 125, 138
Decimal	8551818
CIE Lab	53.22, 4.52, -6.36
CIE LCh	53, 7.798, 305.404
Yxy	21.2480, 0.3044, 0.3061
Android (android.graphics.Color)	4286741898 (0xFF827D8A)
YUV	127.9770, 4.9413, 1.7742
Hunter-Lab	46.0956, 1.1448, -2.5034

Details

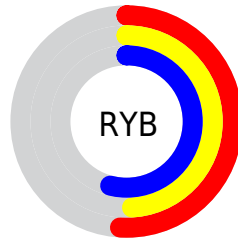
The XYZ color **21.1270, 21.2480, 27.0325** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.4637, 24.6447, 22.9759**, and the grayscale version is **20.4940, 21.5613, 23.4803**.

A 20% lighter version of the original color is **44.8528, 45.6697, 55.7413**, and **7.7392, 7.6228, 10.2960** is the 20% darker color. If you saturate the color by 10%, you get **18.2507, 17.3500, 26.4320**, and if you desaturate by 10%, it is **24.3549, 25.6888, 27.7199**.

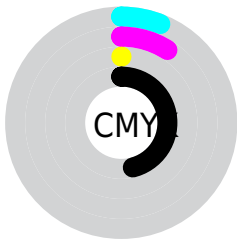
Distribution



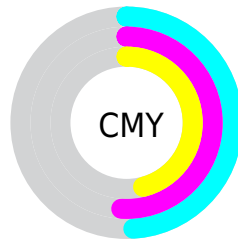
- Red (51%)
- Green (49%)
- Blue (54%)



- Red (51%)
- Yellow (49%)
- Blue (54%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (46%)



- Cyan (49%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1270, 21.2480, 27.0325 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 21.1270, 21.2480, 27.0325 by changing the saturation by 10% instead.

■ 21.1270, 21.2480,
27.0325

■ 21.1270, 21.2480,
27.0325

250.6716,
258.5936, 301.5796

■ 13.3299, 13.3054,
17.3650

■ 44.7885, 45.4999,
55.9404

■ 7.7346, 7.6392,
10.3304

■ 61.3835, 62.5780,
76.0178

■ 3.9760, 3.8650,
5.5101

■ 81.6419, 83.4701,
100.4023

■ 1.6886, 1.5983,
2.4856

105.9290,
108.5605, 129.5124

■ 0.4491, 0.3565,
0.8325

134.6102,
138.2336, 163.7667

■ 0.0000, 0.0000,
0.0000

168.0508,

172.8739, 203.5836

206.6161,
212.8658, 249.3817

■ 21.1270, 21.2480,
27.0325

■ 21.1270, 21.2480,
27.0325

■ 18.2507, 17.3500,
26.4320

■ 24.3549, 25.6888,
27.7199

■ 15.7115, 13.9707,
25.9136

■ 27.9443, 30.6896,
28.4959

■ 13.4968, 11.0885,
25.4740

■ 31.9071, 36.2705,
29.3643

■ 11.5923, 8.6790,
25.1093

■ 36.2542, 42.4493,
30.3278

■ 9.9825, 6.7157,
24.8152

■ 40.9959, 49.2436,
31.3893

■ 8.6507, 5.1694,
24.5869

■ 46.1421, 56.6698,
32.5515

■ 7.5780, 4.0074,
24.4192

■ 51.7024, 64.7440,
33.8169

■ 6.7429, 3.1915,
24.3057

■ 57.6860, 73.4814,
35.1880

■ 6.0942, 2.6247,
24.2305

■ 64.1018, 82.8970,
36.6673

Harmonies

Analogous

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



20.3451, 21.2480, 27.9507



21.1270, 21.2480, 27.0325



21.6700, 21.2480, 25.0749

Triad

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



21.1270, 21.2480, 27.0325



20.8619, 21.2480, 19.2518



18.6597, 21.2480, 23.5653

Complementary

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



21.1270, 21.2480, 27.0325



22.4637, 24.6447, 22.9759

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.



18.7896, 21.2480, 21.2987



21.1270, 21.2480, 27.0325



20.0468, 21.2480, 18.9077

Square

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



21.1270, 21.2480, 27.0325



21.5140, 21.2480, 20.6062



19.2920, 21.2480, 19.6322



18.9321, 21.2480, 25.8637

Rectangle

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



21.1270, 21.2480, 27.0325



21.8156, 21.2480, 23.5007



19.2920, 21.2480, 19.6322



18.6578, 21.2480, 22.7740

Sweetspot

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



21.1276, 21.2489, 27.0330



40.7827, 42.3149, 48.4013



21.4354, 22.9753, 27.3500



9.0514, 9.3588, 10.8357



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



21.1276, 21.2489, 27.0330



36.2743, 36.1364, 47.4463



22.1537, 21.7779, 27.0810



4.9447, 4.9799, 6.3064



5.5709, 2.3861, 22.2126



0.0525, 0.0238, 0.1483

Inverse Universe

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



22.0491, 21.7648, 25.2300



38.1958, 37.2124, 43.6722



21.4714, 24.1331, 22.9295



5.1537, 5.0969, 5.8978



11.1179, 5.5573, 8.3911



0.0810, 0.0398, 0.0935

Previews

White Background



This preview shows how the XYZ color 21.1270, 21.2480, 27.0325 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 21.1270, 21.2480, 27.0325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

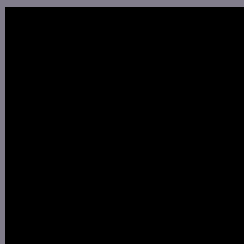
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

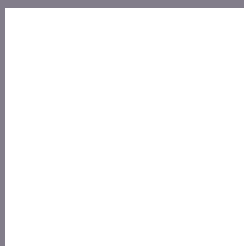
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.1270, 21.2480, 27.0325

Background



This preview shows how black text looks on a background with the XYZ color 21.1270, 21.2480, 27.0325.

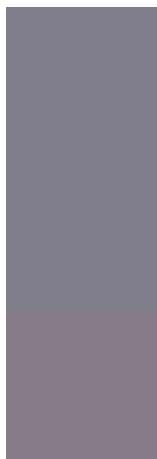


This preview shows how white text looks on a background with the XYZ color 21.1270, 21.2480,

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

21.1270, 21.2480, 27.0325

Protanopia

20.7252, 21.2214, 27.4299

Deuteranopia

21.6266, 21.3186, 27.0198



Tritanopia

20.9127, 21.1623, 25.9042

Trichromacy



Original Color

21.1270, 21.2480, 27.0325

Protanomaly

20.8735, 21.2978, 27.4368

Deuteranomaly

21.4680, 21.2368, 27.0124

Tritanomaly

20.9835, 21.1906, 26.2768

Monochromacy



Original Color

21.1270, 21.2480, 27.0325

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.8075, 21.5118, 24.8853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1270, 21.2480, 27.0325 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(130, 125, 138)` looks like.

```
.text, #text, p{  
    color:rgb(130, 125, 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(130, 125, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 125, 138) }
```

Border

The CSS property to change the border of an element to XYZ 21.1270, 21.2480, 27.0325 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(130, 125, 138) }
```


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

```
.border{ border-color:rgb(130, 125, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 125, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 125, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 125, 138);  
box-shadow:4px 4px 4px 4px rgb(130, 125,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1270, 21.2480, 27.0325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 125, 138) }
```

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

```
.background{ background-color: rgb(130,  
125, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor