

Converting Colors

XYZ(21.7410, 23.8492, 27.3888)

Have a look what the booklet for
XYZ(21.7410, 23.8492, 27.3888)
contains.

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Color

**XYZ(21.7038, 23.7284,
27.4809)**

Conversions

Conversions Part 1

Format	Color
Hex	7C888A
RGB	124, 136, 138
RGB Percent	49%, 53%, 54%
CMY	0.5137, 0.4667, 0.4588
CMYK	0.10, 0.01, 0.00, 0.46
HSL	189°, 6%, 51%
HSV	189°, 10%, 54%
XYZ	21.7038, 23.7284, 27.4809
YIQ	132.6400, -7.7940, -1.9220

Conversions

Conversions Part 2

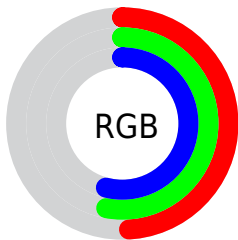
Format	Color
RYB	124, 130, 138
Decimal	8161418
CIELab	55.81, -3.94, -2.57
CIElCh	56, 4.702, 213.181
Yxy	23.7284, 0.2977, 0.3254
Android (android.graphics.Color)	4286351498 (0xFF7C888A)
YUV	132.6400, 2.6425, -7.5773
Hunter-Lab	48.7118, -5.7141, 0.6496

Details

The XYZ color **21.7038, 23.7284, 27.4809** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.5803, 21.7801, 22.1358**, and the grayscale version is **22.1568, 23.3107, 25.3854**.

A 20% lighter version of the original color is **45.7330, 49.5039, 56.4350**, and **7.9909, 8.8560, 10.5207** is the 20% darker color. If you saturate the color by 10%, you get **19.5728, 22.2225, 27.3029**, and if you desaturate by 10%, it is **24.1204, 25.3904, 27.6747**.

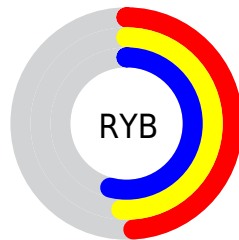
Distribution



Red (49%)

Green (53%)

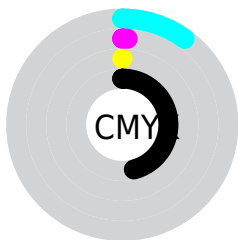
Blue (54%)



Red (49%)

Yellow (51%)

Blue (54%)

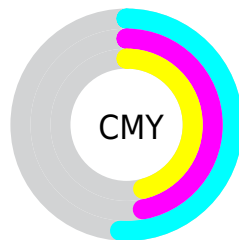


Cyan (10%)

Magenta (1%)

Yellow (0%)

Black (46%)



Cyan (51%)

Magenta (47%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7038, 23.7284, 27.4809 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 21.7038, 23.7284, 27.4809 by changing the saturation by 10% instead.

■ 21.7038, 23.7284,
27.4809

■ 21.7038, 23.7284,
27.4809

253.6571,
271.4445, 303.8116

■ 13.7548, 15.1323,
17.6991

■ 45.7385, 49.5866,
56.6677

■ 8.0309, 8.9123,
10.5670

■ 62.5548, 67.6175,
76.9097

■ 4.1667, 4.6840,
5.6660

■ 83.0577, 89.5621,
101.4756

■ 1.7969, 2.0631,
2.5776

107.6124,
115.8048, 130.7839

■ 0.5158, 0.6437,
0.8808

136.5844,
146.7300, 165.2531

■ 0.0000, 0.0000,
0.0000

170.3389,

182.7221, 205.3018

209.2413,
224.1654, 251.3484

■ 21.7038, 23.7284,
27.4809

■ 21.7038, 23.7284,
27.4809

■ 19.5728, 22.2225,
27.3029

■ 24.1204, 25.3904,
27.6747

■ 17.7137, 20.8636,
27.1386

■ 26.8315, 27.2112,
27.8833

■ 16.1150, 19.6465,
26.9879

■ 29.8480, 29.1971,
28.1076

■ 14.7632, 18.5641,
26.8503

■ 33.1798, 31.3531,
28.3481

■ 13.6440, 17.6090,
26.7249

■ 36.8361, 33.6842,
28.6054

■ 12.7411, 16.7728,
26.6111

■ 40.8259, 36.1951,
28.8797

■ 12.0365, 16.0461,
26.5080

■ 45.1579, 38.8901,
29.1716

■ 11.5089, 15.4179,
26.4145

■ 49.8404, 41.7736,
29.4814

■ 11.1022, 14.8644,
26.3291

■ 54.8813, 44.8498,
29.8095

Harmonies

Analogous

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



21.5424, 23.7284, 25.9999



21.7038, 23.7284, 27.4809



22.0926, 23.7284, 28.5532

Triad

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



21.7038, 23.7284, 27.4809



23.4829, 23.7284, 27.1871



22.4961, 23.7284, 23.0072

Complementary

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



21.7038, 23.7284, 27.4809



21.5803, 21.7801, 22.1358

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.



23.0200, 23.7284, 23.2973



21.7038, 23.7284, 27.4809



23.5950, 23.7284, 25.6732

Square

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



21.7038, 23.7284, 27.4809



23.1203, 23.7284, 28.3789



23.4243, 23.7284, 24.2585



21.9953, 23.7284, 23.4501

Rectangle

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



21.7038, 23.7284, 27.4809



22.4313, 23.7284, 28.8706



23.4243, 23.7284, 24.2585



22.6754, 23.7284, 23.0223

Sweetspot

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



21.7045, 23.7294, 27.4814



41.2197, 43.8710, 48.6786



21.1584, 23.9654, 23.2046



9.1729, 9.7904, 10.9126



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.



21.7045, 23.7294, 27.4814



37.4228, 41.2434, 48.3715



20.7679, 21.8562, 27.1692



5.1131, 5.5690, 6.4113



10.1870, 13.6443, 24.1424



0.0754, 0.1061, 0.1630

Inverse Universe

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



22.1334, 21.5966, 26.2957



38.3270, 36.7778, 45.8648



22.4890, 23.5975, 22.4387



5.2037, 5.1169, 6.1611



12.6287, 6.1616, 16.3471



0.0878, 0.0425, 0.1291

Previews

White Background



This preview shows how the XYZ color 21.7038, 23.7284, 27.4809 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 21.7038, 23.7284, 27.4809 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

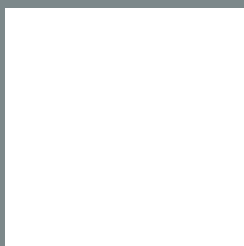
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.7038, 23.7284, 27.4809

Background



This preview shows how black text looks on a background with the XYZ color 21.7038, 23.7284, 27.4809.



This preview shows how white text looks on a background with the XYZ color 21.7038, 23.7284,

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

21.7038, 23.7284, 27.4809

Protanopia

22.8231, 23.7035, 26.6649

Deuteranopia

24.1444, 23.7586, 27.7394



Tritanopia

22.3097, 23.7632, 30.6050

Trichromacy



Original Color

21.7038, 23.7284, 27.4809

Protanomaly

22.4005, 23.6816, 27.0573

Deuteranomaly

23.2280, 23.6850, 27.7735

Tritanomaly

22.0793, 23.6711, 29.3919

Monochromacy



Original Color

21.7038, 23.7284, 27.4809

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.1042, 23.5453, 26.3013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7038, 23.7284, 27.4809 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, 136, 138)` looks like.

```
.text, #text, p{  
    color:rgb(124, 136, 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(124, 136, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 136, 138) }
```

Border

The CSS property to change the border of an element to XYZ 21.7038, 23.7284, 27.4809 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, 136, 138) }
```


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

```
.border{ border-color:rgb(124, 136, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 136, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 136, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 136, 138);  
box-shadow:4px 4px 4px 4px rgb(124, 136,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7038, 23.7284, 27.4809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 136, 138) }
```

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

```
.background{ background-color: rgb(124,  
136, 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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