

Converting Colors

XYZ(21.7837, 23.4659, 25.2392)

Have a look what the booklet for
XYZ(21.7837, 23.4659, 25.2392)
contains.

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Color

**XYZ(21.7432, 23.3833,
25.1972)**

Conversions

Conversions Part 1

Format	Color
Hex	818684
RGB	129, 134, 132
RGB Percent	51%, 53%, 52%
CMY	0.4941, 0.4745, 0.4823
CMYK	0.04, 0.00, 0.01, 0.47
HSL	156°, 2%, 52%
HSV	156°, 4%, 53%
XYZ	21.7432, 23.3833, 25.1972
YIQ	132.2770, -2.3380, -1.6820

Conversions

Conversions Part 2

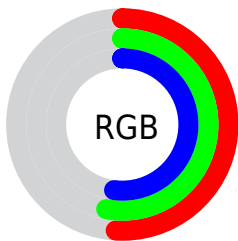
Format	Color
R_{YB}	129, 132, 134
Decimal	8488580
CIE Lab	55.46, -2.24, 0.43
CIE LCh	55, 2.283, 169.242
Yxy	23.3833, 0.3092, 0.3325
Android (android.graphics.Color)	4286678660 (0xFF818684)
YUV	132.2770, -0.1366, -2.8739
Hunter-Lab	48.3563, -4.3617, 2.9549

Details

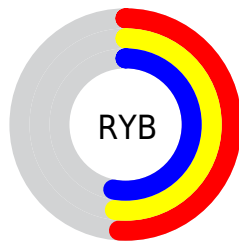
The XYZ color **21.7432, 23.3833, 25.1972** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.7794, 22.4081, 24.6512**, and the grayscale version is **22.0338, 23.1812, 25.2444**.

A 20% lighter version of the original color is **45.8187, 48.9885, 52.9398**, and **8.0399, 8.6707, 9.4335** is the 20% darker color. If you saturate the color by 10%, you get **19.4822, 22.2597, 23.2245**, and if you desaturate by 10%, it is **24.2914, 24.6541, 27.2828**.

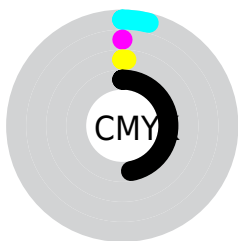
Distribution



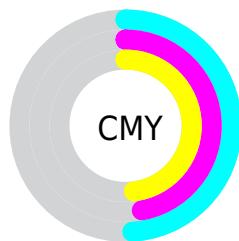
- Red (51%)
- Green (53%)
- Blue (52%)



- Red (51%)
- Yellow (52%)
- Blue (53%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (47%)



- Cyan (49%)
- Magenta (47%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7432, 23.3833, 25.1972 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 21.7432, 23.3833, 25.1972 by changing the saturation by 10% instead.

■ 21.7432, 23.3833,
25.1972

■ 21.7432, 23.3833,
25.1972

253.8599,
269.6876, 292.2976

■ 13.7839, 14.8768,
16.0037

■ 45.8032, 49.0219,
52.9450

■ 8.0512, 8.7330,
9.3724

■ 62.6346, 66.9229,
72.3364

■ 4.1798, 4.5674,
4.8847

■ 83.1541, 88.7240,
95.9642

■ 1.8044, 1.9958,
2.1222

107.7270,
114.8099, 124.2469

■ 0.5203, 0.6050,
0.6290

136.7186,
145.5648, 157.6031

■ 0.0000, 0.0000,
0.0000

170.4945,

181.3731, 196.4512

209.4198,
222.6192, 241.2099

■ 21.7432, 23.3833,
25.1972

■ 21.7432, 23.3833,
25.1972

■ 19.4822, 22.2597,
23.2245

■ 24.2914, 24.6541,
27.2828

■ 17.4957, 21.2748,
21.3613

■ 27.1349, 26.0742,
29.4818

■ 15.7733, 20.4239,
19.6060

■ 30.2837, 27.6496,
31.7964

■ 14.3028, 19.7008,
17.9566

■ 33.7471, 29.3847,
34.2285

■ 13.0712, 19.0989,
16.4109

■ 37.5337, 31.2842,
36.7798

■ 12.0643, 18.6107,
14.9665

■ 41.6518, 33.3523,
39.4521

■ 11.2662, 18.2283,
13.6211

■ 46.1095, 35.5931,
42.2470

■ 10.6589, 17.9422,
12.3721

■ 50.9146, 38.0106,
45.1661

■ 10.2201, 17.7411,
11.2167

■ 56.0746, 40.6086,
48.2111

Harmonies

Analogous

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



21.8529, 23.3833, 24.5477



21.7432, 23.3833, 25.1972



21.7619, 23.3833, 25.9297

Triad

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



21.7432, 23.3833, 25.1972



22.3884, 23.3833, 26.8201



22.5493, 23.3833, 24.4035

Complementary

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



21.7432, 23.3833, 25.1972



21.7794, 22.4081, 24.6512

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.



22.6949, 23.3833, 24.9969



21.7432, 23.3833, 25.1972



22.6015, 23.3833, 26.3956

Square

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



21.7432, 23.3833, 25.1972



22.1330, 23.3833, 26.8762



22.7141, 23.3833, 25.7255



22.3175, 23.3833, 24.0953

Rectangle

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



21.7432, 23.3833, 25.1972



21.8446, 23.3833, 26.3662



22.7141, 23.3833, 25.7255



22.6100, 23.3833, 24.5757

Sweetspot

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



21.7439, 23.3843, 25.1977



39.4748, 41.7794, 45.3698



21.8613, 23.4682, 24.1467



8.9003, 9.4160, 10.2272



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



21.7439, 23.3843, 25.1977



38.1586, 41.1239, 44.2668



21.8247, 23.3246, 25.9073



4.9681, 5.3692, 5.7714



9.3641, 16.5285, 9.9030



0.0361, 0.0587, 0.0533

Inverse Universe

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



21.7794, 22.4081, 24.6512



38.2269, 39.2450, 43.2148



21.6999, 22.4644, 23.9615



4.9780, 5.0958, 5.6184



9.8347, 4.9982, 3.7021



0.0375, 0.0187, 0.0309

Previews

White Background



This preview shows how the XYZ color 21.7432, 23.3833, 25.1972 looks on a white background.

Color Contrast Check

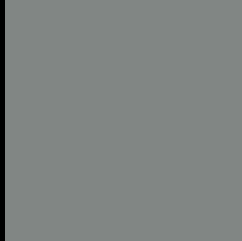
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7432, 23.3833, 25.1972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

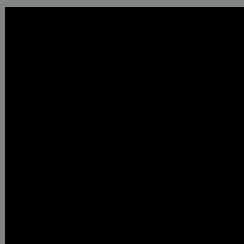
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

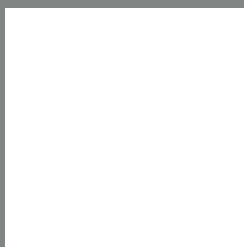
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.7432, 23.3833, 25.1972

Background



This preview shows how black text looks on a background with the XYZ color 21.7432, 23.3833, 25.1972.



This preview shows how white text looks on a background with the XYZ color 21.7432, 23.3833,

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

21.7432, 23.3833, 25.1972

Protanopia

22.3397, 23.2921, 24.7911

Deuteranopia

23.7609, 23.4137, 25.4573



Tritanopia

22.5693, 23.3110, 29.2965

Trichromacy



Original Color

21.7432, 23.3833, 25.1972

Protanomaly

22.1571, 23.4003, 24.8216

Deuteranomaly

22.9974, 23.4150, 25.4978

Tritanomaly

22.2537, 23.3850, 27.7670

Monochromacy



Original Color

21.7432, 23.3833, 25.1972

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.9125, 23.2663, 25.1657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7432, 23.3833, 25.1972 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(129, 134, 132)` looks like.

```
.text, #text, p{  
    color:rgb(129, 134, 132)  
}
```

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(129, 134, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 134, 132) }
```

Border

The CSS property to change the border of an element to XYZ 21.7432, 23.3833, 25.1972 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(129, 134, 132) }
```


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

```
.border{ border-color:rgb(129, 134, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 134, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 134, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 134, 132);  
box-shadow:4px 4px 4px 4px rgb(129, 134,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7432, 23.3833, 25.1972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 134, 132) }
```

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

```
.background{ background-color: rgb(129,  
134, 132) }
```

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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