

Converting Colors

XYZ(22.2133, 22.0951, 23.8909)

Have a look what the booklet for
XYZ(22.2133, 22.0951, 23.8909)
contains.

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Color

**XYZ(22.2385, 22.0821,
23.8591)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7E81
RGB	140, 126, 129
RGB Percent	55%, 49%, 51%
CMY	0.4510, 0.5059, 0.4941
CMYK	0.00, 0.10, 0.08, 0.45
HSL	347°, 6%, 52%
HSV	347°, 10%, 55%
XYZ	22.2385, 22.0821, 23.8591
YIQ	130.5280, 7.3810, 3.9010

Conversions

Conversions Part 2

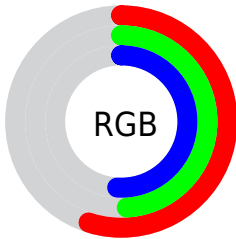
Format	Color
R _Y B	140, 126, 129
Decimal	9207425
CIE Lab	54.11, 5.88, 0.31
CIE LCh	54, 5.893, 3.016
Yxy	22.0821, 0.3262, 0.3239
Android (android.graphics.Color)	4287397505 (0xFF8C7E81)
YUV	130.5280, -0.7533, 8.3069
Hunter-Lab	46.9916, 2.2388, 2.7907

Details

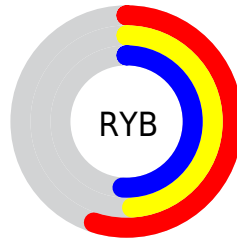
The XYZ color **22.2385, 22.0821, 23.8591** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.4984, 24.9985, 27.3074**, and the grayscale version is **21.4065, 22.5213, 24.5257**.

A 20% lighter version of the original color is **46.8117, 47.0869, 50.8774**, and **8.3183, 8.0606, 8.7068** is the 20% darker color. If you saturate the color by 10%, you get **19.8798, 18.4726, 19.6571**, and if you desaturate by 10%, it is **24.9277, 26.2262, 28.5604**.

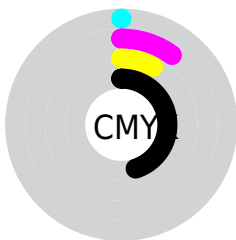
Distribution



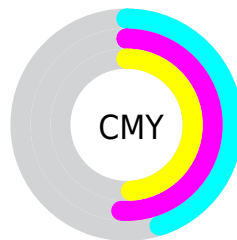
- Red (55%)
- Green (49%)
- Blue (51%)



- Red (55%)
- Yellow (49%)
- Blue (51%)



- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (45%)



- Cyan (45%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2385, 22.0821, 23.8591 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 22.2385, 22.0821, 23.8591 by changing the saturation by 10% instead.

■ 22.2385, 22.0821,
23.8591

■ 22.2385, 22.0821,
23.8591

256.3983,
262.9747, 285.3709

■ 14.1498, 13.9172,
15.0179

■ 46.6158, 46.8817,
50.7411

■ 8.3074, 8.0631,
8.6852

■ 63.6351, 64.2851,
69.6190

■ 4.3457, 4.1354,
4.4424

■ 84.3621, 85.5369,
92.6796

■ 1.8995, 1.7496,
1.8711

109.1620,
111.0215, 120.3413

■ 0.5765, 0.4554,
0.4742

138.4002,
141.1231, 153.0228

■ 0.0000, 0.0000,
0.0000

172.4421,

176.2263, 191.1425

211.6530,
216.7154, 235.1190

■ 22.2385, 22.0821,
23.8591

■ 22.2385, 22.0821,
23.8591

■ 19.8798, 18.4726,
19.6571

■ 24.9277, 26.2262,
28.5604

■ 17.8370, 15.3730,
15.9364

■ 27.9578, 30.9224,
33.7752

■ 16.0970, 12.7611,
12.6800

■ 31.3408, 36.1909,
39.5191

■ 14.6451, 10.6120,
9.8695

■ 35.0876, 42.0503,
45.8065

■ 13.4654, 8.8985,
7.4851

■ 39.2088, 48.5181,
52.6512

■ 12.5403, 7.5904,
5.5054

■ 43.7145, 55.6112,
60.0666

■ 11.8502, 6.6540,
3.9073

■ 48.6142, 63.3457,
68.0657

■ 11.3724, 6.0497,
2.6649

■ 53.9173, 71.7373,
76.6609

■ 11.0495, 5.6692,
1.7392

■ 59.6329, 80.8011,
85.8642

Harmonies

Analogous

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



22.1016, 22.0821, 25.6747



22.2385, 22.0821, 23.8591



22.0348, 22.0821, 22.1781

Triad

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



22.2385, 22.0821, 23.8591



20.3265, 22.0821, 21.2140



20.4362, 22.0821, 27.3153

Complementary

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



22.2385, 22.0821, 23.8591



22.4984, 24.9985, 27.3074

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.



19.9756, 22.0821, 26.0110



22.2385, 22.0821, 23.8591



19.9131, 22.0821, 22.4832

Square

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



22.2385, 22.0821, 23.8591



20.9238, 22.0821, 20.7004



19.7860, 22.0821, 24.2292



21.0530, 22.0821, 27.7288

Rectangle

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



22.2385, 22.0821, 23.8591



21.7357, 22.0821, 21.3428



19.7860, 22.0821, 24.2292



20.2584, 22.0821, 26.9633

Sweetspot

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



22.2391, 22.0831, 23.8596



42.4325, 43.8967, 47.7175



22.5062, 22.1317, 27.8968



9.6935, 9.9853, 10.8488



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.



22.2391, 22.0831, 23.8596



38.2205, 37.4172, 40.3188



22.5600, 23.0390, 22.9977



5.0739, 5.0650, 5.4775



9.8242, 5.0398, 1.5787



0.0698, 0.0353, 0.0345

Inverse Universe

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



22.2391, 22.0831, 23.8596



38.2205, 37.4172, 40.3188



22.1474, 23.9474, 28.2662



5.0739, 5.0650, 5.4775



9.8242, 5.0398, 1.5787



0.0698, 0.0353, 0.0345

Previews

White Background



This preview shows how the XYZ color 22.2385, 22.0821, 23.8591 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 22.2385, 22.0821, 23.8591 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

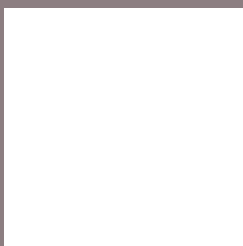
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.2385, 22.0821, 23.8591

Background



This preview shows how black text looks on a background with the XYZ color 22.2385, 22.0821, 23.8591.



This preview shows how white text looks on a background with the XYZ color 22.2385, 22.0821,

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

22.2385, 22.0821, 23.8591

Protanopia

21.3071, 22.1645, 24.6279

Deuteranopia

22.4514, 22.0030, 23.8326



Tritanopia

22.6913, 22.0792, 25.9874

Trichromacy



Original Color

22.2385, 22.0821, 23.8591

Protanomaly

21.5800, 22.1184, 24.2510

Deuteranomaly

22.2806, 21.9149, 23.8246

Tritanomaly

22.5518, 22.0234, 25.2526

Monochromacy



Original Color

22.2385, 22.0821, 23.8591

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.7110, 22.3806, 24.2947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2385, 22.0821, 23.8591 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(140, 126, 129) looks like.

```
.text, #text, p{  
    color:rgb(140, 126, 129)  
}
```

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(140, 126, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 126, 129) }
```

Border

The CSS property to change the border of an element to XYZ 22.2385, 22.0821, 23.8591 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(140, 126, 129) }
```


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

```
.border{ border-color:rgb(140, 126, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 126, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 126, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 126, 129);  
box-shadow:4px 4px 4px 4px rgb(140, 126,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2385, 22.0821, 23.8591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 126, 129) }
```

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

```
.background{ background-color: rgb(140,  
126, 129) }
```

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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