

Converting Colors

XYZ(21.7558, 23.0586, 21.7164)

Have a look what the booklet for
XYZ(21.7558, 23.0586, 21.7164)
contains.

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Color

**XYZ(21.7558, 23.0586,
21.7164)**

Conversions

Conversions Part 1

Format	Color
Hex	87847A
RGB	135, 132, 122
RGB Percent	53%, 52%, 48%
CMY	0.4706, 0.4823, 0.5216
CMYK	0.00, 0.02, 0.10, 0.47
HSL	46°, 5%, 50%
HSV	46°, 10%, 53%
XYZ	21.7558, 23.0586, 21.7164
YIQ	131.7570, 4.9980, -2.4740

Conversions

Conversions Part 2

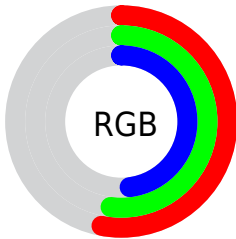
Format	Color
R_YB	126, 135, 122
Decimal	8881274
CIE Lab	55.13, -0.75, 5.79
CIE LCh	55, 5.838, 97.393
Yxy	23.0586, 0.3270, 0.3466
Android (android.graphics.Color)	4287071354 (0xFF87847A)
YUV	131.7570, -4.8102, 2.8441
Hunter-Lab	48.0194, -3.1622, 6.8001

Details

The XYZ color **21.7558, 23.0586, 21.7164** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.7327, 20.5536, 25.8491**, and the grayscale version is **21.8607, 22.9991, 25.0461**.

A 20% lighter version of the original color is **45.7280, 48.4453, 46.9852**, and **8.0422, 8.5988, 7.5392** is the 20% darker color. If you saturate the color by 10%, you get **20.5612, 21.9162, 17.4741**, and if you desaturate by 10%, it is **23.0805, 24.2747, 26.5760**.

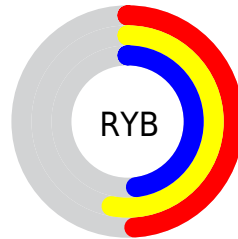
Distribution



Red (53%)

Green (52%)

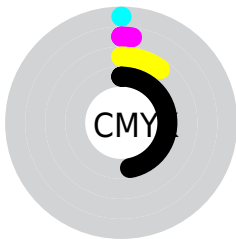
Blue (48%)



Red (49%)

Yellow (53%)

Blue (48%)

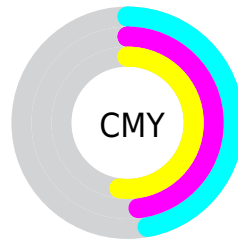


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (47%)



Cyan (47%)

Magenta (48%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7558, 23.0586, 21.7164 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 21.7558, 23.0586, 21.7164 by changing the saturation by 10% instead.

■ 21.7558, 23.0586,
21.7164

■ 21.7558, 23.0586,
21.7164

253.9247,
268.0258, 273.9667

■ 13.7932, 14.6368,
13.4523

■ 45.8239, 48.4895,
47.1730

■ 8.0577, 8.5649,
7.6064

■ 62.6601, 66.2674,
65.2026

■ 4.1840, 4.4585,
3.7600

■ 83.1849, 87.9328,
87.3245

■ 1.8067, 1.9332,
1.4946

107.7636,
113.8701, 113.9571

■ 0.5217, 0.5682,
0.2139

136.7616,
144.4636, 145.5191

■ 0.0000, 0.0000,
0.0000

170.5442,

180.0978, 182.4291

209.4768,
221.1571, 225.1054

■ 21.7558, 23.0586,
21.7164

■ 21.7558, 23.0586,
21.7164

■ 20.5612, 21.9162,
17.4741

■ 23.0805, 24.2747,
26.5760

■ 19.4900, 20.8424,
13.8224

■ 24.5380, 25.5635,
32.0751

■ 18.5375, 19.8358,
10.7351

■ 26.1332, 26.9279,
38.2366

■ 17.6981, 18.8942,
8.1831

■ 27.8704, 28.3697,
45.0818

■ 16.9659, 18.0148,
6.1350

■ 29.7535, 29.8907,
52.6311

■ 16.3339, 17.1949,
4.5559

■ 31.7863, 31.4926,
60.9040

■ 15.7948, 16.4311,
3.4066

■ 33.9724, 33.1769,
69.9193

■ 15.3396, 15.7198,
2.6412

■ 36.3155, 34.9453,
79.6950

■ 14.9440, 15.0510,
2.1319

■ 38.8188, 36.7993,
90.2486

Harmonies

Analogous

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



22.4013, 23.0586, 21.9402



21.7558, 23.0586, 21.7164



21.1650, 23.0586, 22.3646

Triad

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



21.7558, 23.0586, 21.7164



20.9368, 23.0586, 27.3479



23.0927, 23.0586, 26.5106

Complementary

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



21.7558, 23.0586, 21.7164



19.7327, 20.5536, 25.8491

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.



22.6856, 23.0586, 28.0646



21.7558, 23.0586, 21.7164



21.4388, 23.0586, 28.5645

Square

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



21.7558, 23.0586, 21.7164



20.6983, 23.0586, 25.5711



22.0780, 23.0586, 28.8331



23.1817, 23.0586, 24.6483

Rectangle

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



21.7558, 23.0586, 21.7164



20.8787, 23.0586, 23.2239



22.0780, 23.0586, 28.8331



22.9882, 23.0586, 27.0890

Sweetspot

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



21.7564, 23.0596, 21.7169



40.4907, 42.7082, 44.4735



20.6553, 20.5518, 22.2917



9.3356, 9.8527, 10.1464



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.



21.7564, 23.0596, 21.7169



38.3743, 40.7422, 36.7797



21.6200, 23.6013, 21.8287



4.9511, 5.2459, 4.9810



13.7772, 13.8770, 1.9524



0.0532, 0.0590, 0.0086

Inverse Universe

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



19.7327, 20.5536, 25.8491



33.8372, 35.1240, 46.0446



19.8587, 20.0638, 25.7479



4.5152, 4.7060, 5.8711



4.4965, 2.5407, 21.3901



0.0204, 0.0184, 0.0757

Previews

White Background



This preview shows how the XYZ color 21.7558, 23.0586, 21.7164 looks on a white background.

Color Contrast Check

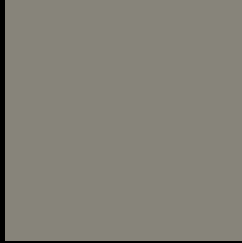
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7558, 23.0586, 21.7164 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

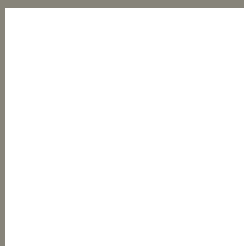
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.7558, 23.0586, 21.7164

Background



This preview shows how black text looks on a background with the XYZ color 21.7558, 23.0586, 21.7164.



This preview shows how white text looks on a background with the XYZ color 21.7558, 23.0586,

21.7164.

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

21.7558, 23.0586, 21.7164

Protanopia

21.9457, 22.9561, 21.6867

Deuteranopia

23.3773, 22.9047, 21.9278



Tritanopia

23.0651, 22.9972, 28.0342

Trichromacy



Original Color

21.7558, 23.0586, 21.7164

Protanomaly

21.7825, 22.8720, 21.6790

Deuteranomaly

22.7531, 22.9702, 21.9734

Tritanomaly

22.5328, 22.9771, 25.4377

Monochromacy



Original Color

21.7558, 23.0586, 21.7164

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.8204, 23.0476, 23.7206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7558, 23.0586, 21.7164 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(135, 132, 122)` looks like.

```
.text, #text, p{  
    color:rgb(135, 132, 122)  
}
```

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(135, 132, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 132, 122) }
```

Border

The CSS property to change the border of an element to XYZ 21.7558, 23.0586, 21.7164 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(135, 132, 122) }
```


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

```
.border{ border-color:rgb(135, 132, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 132, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 132, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 132, 122);  
box-shadow:4px 4px 4px 4px rgb(135, 132,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7558, 23.0586, 21.7164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 132, 122) }
```

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

```
.background{ background-color: rgb(135,  
132, 122) }
```

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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