

Converting Colors

XYZ(22.7005, 25.5630, 23.2965)

Have a look what the booklet for
XYZ(22.7005, 25.5630, 23.2965)
contains.

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Color

**XYZ(22.7347, 25.6520,
23.1551)**

Conversions

Conversions Part 1

Format	Color
Hex	838E7D
RGB	131, 142, 125
RGB Percent	51%, 56%, 49%
CMY	0.4863, 0.4431, 0.5098
CMYK	0.08, 0.00, 0.12, 0.44
HSL	99°, 7%, 52%
HSV	99°, 12%, 56%
XYZ	22.7347, 25.6520, 23.1551
YIQ	136.7730, -1.0990, -7.6190

Conversions

Conversions Part 2

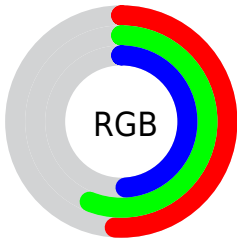
Format	Color
R_{YB}	125, 142, 136
Decimal	8621693
CIE _{Lab}	57.71, -7.32, 7.70
CIE _{LCh}	58, 10.624, 133.551
Yxy	25.6520, 0.3178, 0.3586
Android (android.graphics.Color)	4286811773 (0xFF838E7D)
YUV	136.7730, -5.8041, -5.0629
Hunter-Lab	50.6478, -8.5089, 8.3473

Details

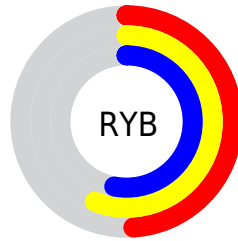
The XYZ color **22.7347, 25.6520, 23.1551** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.3706, 21.8552, 28.6321**, and the grayscale version is **23.7143, 24.9492, 27.1697**.

A 20% lighter version of the original color is **47.5430, 52.8846, 49.8214**, and **8.6113, 9.9699, 8.3080** is the 20% darker color. If you saturate the color by 10%, you get **20.5310, 24.6141, 18.6504**, and if you desaturate by 10%, it is **25.1958, 26.8091, 28.3500**.

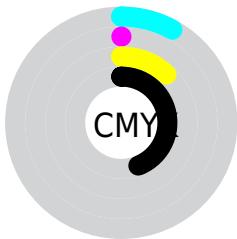
Distribution



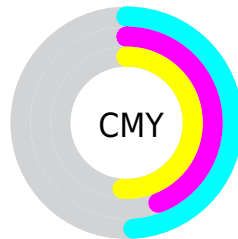
- Red (51%)
- Green (56%)
- Blue (49%)



- Red (49%)
- Yellow (56%)
- Blue (53%)



- Cyan (8%)
- Magenta (0%)
- Yellow (12%)
- Black (44%)



- Cyan (49%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7347, 25.6520, 23.1551 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 22.7347, 25.6520, 23.1551 by changing the saturation by 10% instead.

■ 22.7347, 25.6520,
23.1551

■ 22.7347, 25.6520,
23.1551

258.9203,
281.0696, 281.6683

■ 14.5173, 16.5635,
14.5017

■ 47.4272, 52.7130,
49.5743

■ 8.5655, 9.9238,
8.3277

■ 64.6331, 71.4543,
68.1772

■ 4.5137, 5.3484,
4.2146

■ 85.5658, 94.1819,
90.9336

■ 1.9966, 2.4531,
1.7438

110.5908,
121.2803, 118.2622

■ 0.6321, 0.8530,
0.3905

140.0734,
153.1339, 150.5814

■ 0.0000, 0.0000,
0.0000

174.3789,

190.1270, 188.3098

213.8728,
232.6441, 231.8659

■ 22.7347, 25.6520,
23.1551

■ 22.7347, 25.6520,
23.1551

■ 20.5310, 24.6141,
18.6504

■ 25.1958, 26.8091,
28.3500

■ 18.5739, 23.6883,
14.8052

■ 27.9205, 28.0857,
34.2608

■ 16.8548, 22.8715,
11.5890

■ 30.9174, 29.4865,
40.9137

■ 15.3638, 22.1593,
8.9683

■ 34.1940, 31.0148,
48.3333

■ 14.0903, 21.5471,
6.9063

■ 37.7577, 32.6740,
56.5430

■ 13.0226, 21.0297,
5.3624

■ 41.6154, 34.4670,
65.5651

■ 12.1478, 20.6016,
4.2902

■ 45.7739, 36.3969,
75.4211

■ 11.4512, 20.2562,
3.6351

■ 50.2396, 38.4666,
86.1319

■ 10.9941, 20.0279,
3.2863

■ 55.0189, 40.6790,
97.7172

Harmonies

Analogous

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



23.8128, 25.6520, 21.6591



22.7347, 25.6520, 23.1551



22.1100, 25.6520, 25.9937

Triad

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



22.7347, 25.6520, 23.1551



23.6954, 25.6520, 35.2021



26.8375, 25.6520, 26.3212

Complementary

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



22.7347, 25.6520, 23.1551



22.3706, 21.8552, 28.6321

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.



26.8034, 25.6520, 29.9615



22.7347, 25.6520, 23.1551



24.9591, 25.6520, 35.3092

Square

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



22.7347, 25.6520, 23.1551



22.6513, 25.6520, 33.0406



26.1059, 25.6520, 33.3215



26.1975, 25.6520, 23.3768

Rectangle

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



22.7347, 25.6520, 23.1551



22.0208, 25.6520, 28.3668



26.1059, 25.6520, 33.3215



26.9051, 25.6520, 27.4990

Sweetspot

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



22.7354, 25.6531, 23.1557



43.4745, 46.8253, 47.9541



23.6294, 24.7752, 22.9391



9.6422, 10.4267, 10.5662



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.



22.7354, 25.6531, 23.1557



39.1491, 44.7918, 38.8831



21.9794, 25.2465, 23.8850



5.5112, 6.1162, 5.7794



9.8891, 17.9906, 2.9513



0.1168, 0.1835, 0.0293

Inverse Universe

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



22.3706, 21.8552, 28.6321



38.3930, 36.9219, 50.2310



23.2039, 22.3043, 27.7914



5.4441, 5.4171, 6.7874



8.3577, 3.8021, 23.2705



0.1039, 0.0487, 0.2236

Previews

White Background



This preview shows how the XYZ color 22.7347, 25.6520, 23.1551 looks on a white background.

Color Contrast Check

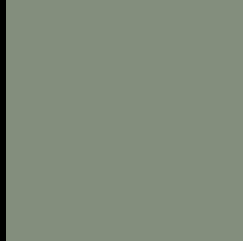
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.7347, 25.6520, 23.1551 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

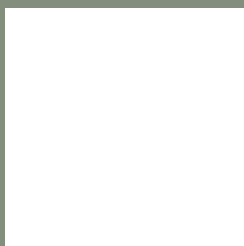
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.7347, 25.6520, 23.1551

Background



This preview shows how black text looks on a background with the XYZ color 22.7347, 25.6520, 23.1551.



This preview shows how white text looks on a background with the XYZ color 22.7347, 25.6520,

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

22.7347, 25.6520, 23.1551

Protanopia

24.3407, 25.6268, 22.4025

Deuteranopia

26.0662, 25.6504, 23.6559



Tritanopia

24.5050, 25.4978, 32.0638

Trichromacy



Original Color

22.7347, 25.6520, 23.1551

Protanomaly

23.6859, 25.4959, 22.7416

Deuteranomaly

24.7442, 25.6007, 23.3759

Tritanomaly

23.7978, 25.4270, 28.4646

Monochromacy



Original Color

22.7347, 25.6520, 23.1551

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.4579, 25.3096, 25.8392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7347, 25.6520, 23.1551 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(131, 142, 125) looks like.

```
.text, #text, p{  
    color:rgb(131, 142, 125)  
}
```

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(131, 142, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 142, 125) }
```

Border

The CSS property to change the border of an element to XYZ 22.7347, 25.6520, 23.1551 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(131, 142, 125) }
```


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

```
.border{ border-color:rgb(131, 142, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 142, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 142, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 142, 125);  
box-shadow:4px 4px 4px 4px rgb(131, 142,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7347, 25.6520, 23.1551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 142, 125) }
```

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

```
.background{ background-color: rgb(131,  
142, 125) }
```

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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