

Converting Colors

XYZ(23.2316, 25.7242, 21.5101)

Have a look what the booklet for
XYZ(23.2316, 25.7242, 21.5101)
contains.

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Color

**XYZ(23.2316, 25.7242,
21.5101)**

Conversions

Conversions Part 1

Format	Color
Hex	898D78
RGB	137, 141, 120
RGB Percent	54%, 55%, 47%
CMY	0.4627, 0.4470, 0.5294
CMYK	0.03, 0.00, 0.15, 0.45
HSL	71°, 8%, 51%
HSV	71°, 15%, 55%
XYZ	23.2316, 25.7242, 21.5101
YIQ	137.4100, 4.3570, -7.3790

Conversions

Conversions Part 2

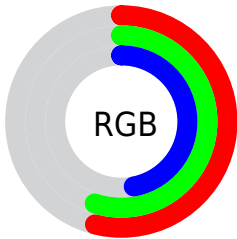
Format	Color
R_{YB}	120, 141, 124
Decimal	9014648
CIE Lab	57.77, -5.37, 10.72
CIE LCh	58, 11.987, 116.629
Yxy	25.7242, 0.3297, 0.3651
Android (android.graphics.Color)	4287204728 (0xFF898D78)
YUV	137.4100, -8.5831, -0.3596
Hunter-Lab	50.7190, -6.9973, 10.3582

Details

The XYZ color **23.2316, 25.7242, 21.5101** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.8373, 19.6418, 27.9464**, and the grayscale version is **23.9640, 25.2120, 27.4559**.

A 20% lighter version of the original color is **48.1967, 52.9559, 46.7110**, and **8.8413, 9.9763, 7.5905** is the 20% darker color. If you saturate the color by 10%, you get **22.0033, 25.1835, 17.3098**, and if you desaturate by 10%, it is **24.5983, 26.3233, 26.3758**.

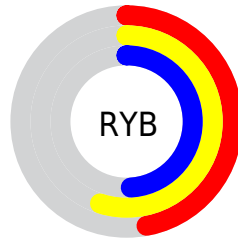
Distribution



Red (54%)

Green (55%)

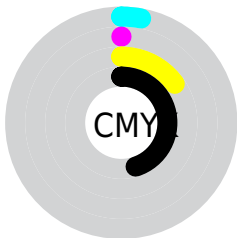
Blue (47%)



Red (47%)

Yellow (55%)

Blue (49%)

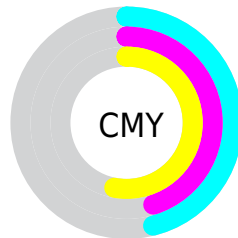


Cyan (3%)

Magenta (0%)

Yellow (15%)

Black (45%)



Cyan (46%)

Magenta (45%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2316, 25.7242, 21.5101 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 23.2316, 25.7242, 21.5101 by changing the saturation by 10% instead.

■ 23.2316, 25.7242,
21.5101

■ 23.2316, 25.7242,
21.5101

261.4255,
281.4256, 272.8466

■ 14.8862, 16.6174,
13.3025

■ 48.2372, 52.8297,
46.8267

■ 8.8254, 9.9621,
7.5040

■ 65.6282, 71.5972,
64.7728

■ 4.6837, 5.3738,
3.6961

■ 86.7650, 94.3537,
86.8022

■ 2.0957, 2.4682,
1.4601

112.0132,
121.4836, 113.3333

■ 0.6869, 0.8607,
0.1880

141.7379,
153.3714, 144.7848

■ 0.0000, 0.0000,
0.0000

176.3047,

190.4014, 181.5752

216.0787,
232.9580, 224.1229

■ 23.2316, 25.7242,
21.5101

■ 23.2316, 25.7242,
21.5101

■ 22.0033, 25.1835,
17.3098

■ 24.5983, 26.3233,
26.3758

■ 20.9058, 24.6955,
13.7444

■ 26.1065, 26.9794,
31.9324

■ 19.9338, 24.2589,
10.7833

■ 27.7620, 27.6956,
38.2060

■ 19.0808, 23.8712,
8.3929

■ 29.5693, 28.4740,
45.2210

■ 18.3397, 23.5295,
6.5363

■ 31.5331, 29.3161,
53.0005

■ 17.7027, 23.2306,
5.1723

■ 33.6574, 30.2239,
61.5667

■ 17.1605, 22.9709,
4.2534

■ 35.9465, 31.1989,
70.9408

■ 16.7013, 22.7456,
3.7168

■ 38.4044, 32.2426,
81.1433

■ 16.4818, 22.6370,
3.5007

■ 41.0347, 33.3568,
92.1940

Harmonies

Analogous

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



24.6130, 25.7242, 20.8246



23.2316, 25.7242, 21.5101



22.2129, 25.7242, 23.8754

Triad

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



23.2316, 25.7242, 21.5101



22.9605, 25.7242, 35.1565



27.3155, 25.7242, 28.4775

Complementary

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



23.2316, 25.7242, 21.5101



19.8373, 19.6418, 27.9464

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.



26.8327, 25.7242, 32.5947



23.2316, 25.7242, 21.5101



24.2879, 25.7242, 36.6813

Square

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



23.2316, 25.7242, 21.5101



22.0607, 25.7242, 31.7106



25.7104, 25.7242, 35.7011



27.0060, 25.7242, 24.6078

Rectangle

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



23.2316, 25.7242, 21.5101



21.8575, 25.7242, 26.2176



25.7104, 25.7242, 35.7011



27.2400, 25.7242, 29.8807

Sweetspot

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



23.2323, 25.7253, 21.5107



44.2581, 47.2293, 47.9907



21.5644, 21.3972, 20.7632



9.8458, 10.5316, 10.5757



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.



23.2323, 25.7253, 21.5107



40.8073, 45.7174, 35.7613



21.6163, 24.8922, 21.4350



5.7402, 6.2342, 5.7902



15.0400, 20.6460, 3.1924



0.1605, 0.2060, 0.0313

Inverse Universe

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



19.8373, 19.6418, 27.9464



33.4800, 32.5863, 49.6531



21.4124, 20.4538, 28.0201



5.2196, 5.3014, 6.7769



4.8036, 1.9699, 23.1041



0.0602, 0.0262, 0.2216

Previews

White Background



This preview shows how the XYZ color 23.2316, 25.7242, 21.5101 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 23.2316, 25.7242, 21.5101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

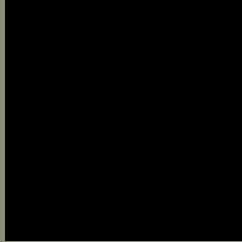
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

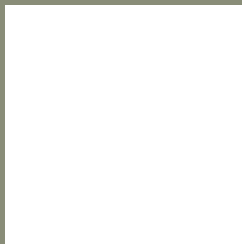
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.2316, 25.7242, 21.5101

Background



This preview shows how black text looks on a background with the XYZ color 23.2316, 25.7242, 21.5101.



This preview shows how white text looks on a background with the XYZ color 23.2316, 25.7242,

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

23.2316, 25.7242, 21.5101

Protanopia

24.2723, 25.6199, 21.1186

Deuteranopia

26.0768, 25.6998, 21.6753



Tritanopia

25.2755, 25.6922, 31.6439

Trichromacy



Original Color

23.2316, 25.7242, 21.5101

Protanomaly

23.8901, 25.6368, 21.1420

Deuteranomaly

24.9745, 25.7558, 21.7442

Tritanomaly

24.4911, 25.5874, 27.6928

Monochromacy



Original Color

23.2316, 25.7242, 21.5101

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.5017, 25.1340, 25.0854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2316, 25.7242, 21.5101 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(137, 141, 120)` looks like.

```
.text, #text, p{  
    color:rgb(137, 141, 120)  
}
```

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(137, 141, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 141, 120) }
```

Border

The CSS property to change the border of an element to XYZ 23.2316, 25.7242, 21.5101 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(137, 141, 120) }
```


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

```
.border{ border-color:rgb(137, 141, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 141, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 141, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 141, 120);  
box-shadow:4px 4px 4px 4px rgb(137, 141,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2316, 25.7242, 21.5101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 141, 120) }
```

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

```
.background{ background-color: rgb(137,  
141, 120) }
```

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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