

Converting Colors

XYZ(25.6129, 23.2034, 21.4762)

Have a look what the booklet for
XYZ(25.6129, 23.2034, 21.4762)
contains.

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Color

**XYZ(25.5766, 23.1107,
21.5251)**

Conversions

Conversions Part 1

Format	Color
Hex	A37A7A
RGB	163, 122, 122
RGB Percent	64%, 48%, 48%
CMY	0.3608, 0.5216, 0.5216
CMYK	0.00, 0.25, 0.25, 0.36
HSL	0°, 18%, 56%
HSV	0°, 25%, 64%
XYZ	25.5766, 23.1107, 21.5251
YIQ	134.2590, 24.4360, 8.6920

Conversions

Conversions Part 2

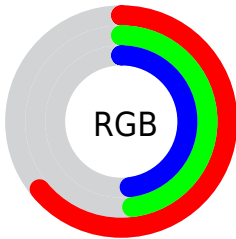
Format	Color
R_{YB}	163, 122, 122
Decimal	10713722
CIE _{Lab}	55.19, 15.97, 6.23
CIE _{LCh}	55, 17.137, 21.303
Yxy	23.1107, 0.3643, 0.3292
Android (android.graphics.Color)	4288903802 (0xFFA37A7A)
YUV	134.2590, -6.0437, 25.2059
Hunter-Lab	48.0736, 10.8386, 7.1042

Details

The XYZ color **25.5766, 23.1107, 21.5251** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.7337, 32.9753, 39.5536**, and the grayscale version is **22.7710, 23.9569, 26.0890**.

A 20% lighter version of the original color is **52.1834, 48.7760, 46.7087**, and **10.0155, 8.5611, 7.4279** is the 20% darker color. If you saturate the color by 10%, you get **22.8140, 19.0684, 16.0324**, and if you desaturate by 10%, it is **28.8455, 27.8942, 28.0229**.

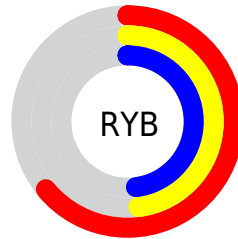
Distribution



Red (64%)

Green (48%)

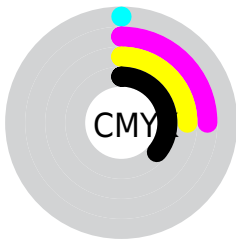
Blue (48%)



Red (64%)

Yellow (48%)

Blue (48%)

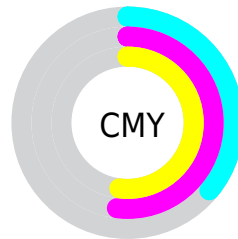


Cyan (0%)

Magenta (25%)

Yellow (25%)

Black (36%)



Cyan (36%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5766, 23.1107, 21.5251 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 25.5766, 23.1107, 21.5251 by changing the saturation by 10% instead.

■ 25.5766, 23.1107,
21.5251

■ 25.5766, 23.1107,
21.5251

272.9924,
268.2931, 272.9282

■ 16.6382, 14.6753,
13.3134

■ 52.0273, 48.5750,
46.8519

■ 10.0706, 8.5918,
7.5115

■ 70.2703, 66.3727,
64.8041

■ 5.5084, 4.4759,
3.7007

■ 92.3455, 88.0600,
86.8402

■ 2.5863, 1.9432,
1.4626

118.6183,
114.0211, 113.3787

■ 0.9390, 0.5741,
0.1899

149.4540,
144.6406, 144.8383

■ 0.0000, 0.0000,
0.0000

185.2180,

180.3029, 181.6373

226.2757,
221.3922, 224.1945

■ 25.5766, 23.1107,
21.5251

■ 25.5766, 23.1107,
21.5251

■ 22.8140, 19.0684,
16.0324

■ 28.8455, 27.8942,
28.0229

■ 20.5307, 15.7272,
11.4932

■ 32.6423, 33.4500,
35.5709

■ 18.6999, 13.0482,
7.8538

■ 36.9896, 39.8112,
44.2133

■ 17.2916, 10.9874,
5.0543

■ 41.9080, 47.0082,
53.9912

■ 16.2720, 9.4954,
3.0276

■ 47.4173, 55.0696,
64.9437

■ 15.6023, 8.5154,
1.6964

■ 53.5360, 64.0229,
77.1080

■ 15.2335, 7.9756,
0.9634

■ 60.2822, 73.8943,
90.5196

■ 15.1044, 7.7868,
0.7069

■ 67.6728, 84.7088,
105.2126

■ 68.9143, 86.5265,
107.6769

Harmonies

Analogous

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



25.8088, 23.1107, 26.7913



25.5766, 23.1107, 21.5251



24.3484, 23.1107, 17.8009

Triad

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



25.5766, 23.1107, 21.5251



19.2169, 23.1107, 19.1321



21.4142, 23.1107, 37.0875

Complementary

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



25.5766, 23.1107, 21.5251



27.7337, 32.9753, 39.5536

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.



19.7444, 23.1107, 34.3194



25.5766, 23.1107, 21.5251



18.5250, 23.1107, 23.6032

Square

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



25.5766, 23.1107, 21.5251



20.6558, 23.1107, 16.5652



18.7123, 23.1107, 29.1907



23.3305, 23.1107, 36.3171

Rectangle

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



25.5766, 23.1107, 21.5251



23.1671, 23.1107, 16.4415



18.7123, 23.1107, 29.1907



20.8072, 23.1107, 36.5269

Sweetspot

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



25.5772, 23.1118, 21.5256



56.3213, 56.7770, 59.4534



28.6748, 24.3502, 37.8391



12.4234, 12.4210, 12.9034



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.5772, 23.1118, 21.5256



43.0232, 37.3182, 33.0169



28.3648, 28.6870, 22.4548



7.0738, 7.0861, 7.3750



11.7390, 6.0518, 0.5494



0.2467, 0.1272, 0.0115

Inverse Universe

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



27.7337, 32.9753, 39.5536



47.5352, 57.9558, 70.7373



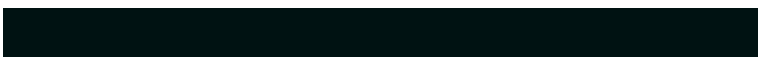
24.3847, 26.2773, 38.4372



7.2761, 8.0112, 9.0659



15.3151, 22.4096, 30.4481



0.3218, 0.4709, 0.6398

Previews

White Background



This preview shows how the XYZ color 25.5766, 23.1107, 21.5251 looks on a white background.

Color Contrast Check

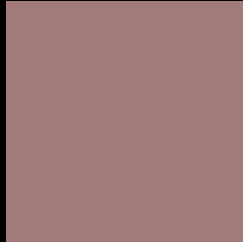
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5766, 23.1107, 21.5251 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 25.5766, 23.1107, 21.5251

Background



This preview shows how black text looks on a background with the XYZ color 25.5766, 23.1107, 21.5251.



This preview shows how white text looks on a background with the XYZ color 25.5766, 23.1107,

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

25.5766, 23.1107, 21.5251

Protanopia

22.2354, 23.2691, 23.3981

Deuteranopia

23.5648, 23.2084, 21.3268



Tritanopia

26.1765, 23.1790, 24.2134

Trichromacy



Original Color

25.5766, 23.1107, 21.5251

Protanomaly

23.2749, 23.0300, 22.6206

Deuteranomaly

24.2385, 23.1722, 21.2843

Tritanomaly

25.9780, 23.0996, 23.1681

Monochromacy



Original Color

25.5766, 23.1107, 21.5251

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.6890, 23.5967, 24.4252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5766, 23.1107, 21.5251 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(163, 122, 122)` looks like.

```
.text, #text, p{  
    color:rgb(163, 122, 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(163, 122, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 122, 122) }
```

Border

The CSS property to change the border of an element to XYZ 25.5766, 23.1107, 21.5251 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(163, 122, 122) }
```


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

```
.border{ border-color:rgb(163, 122, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 122, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 122, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 122, 122);  
box-shadow:4px 4px 4px 4px rgb(163, 122,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5766, 23.1107, 21.5251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 122, 122) }
```

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

```
.background{ background-color: rgb(163,  
122, 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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