

Converting Colors

XYZ(27.6515, 23.0378, 24.6170)

Have a look what the booklet for
XYZ(27.6515, 23.0378, 24.6170)
contains.

XYZ(27.5757, 23.0137, 24.4614)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.5757, 23.0137,
24.4614)**

Conversions

Conversions Part 1

Format	Color
Hex	AD7483
RGB	173, 116, 131
RGB Percent	68%, 45%, 51%
CMY	0.3216, 0.5451, 0.4863
CMYK	0.00, 0.33, 0.24, 0.32
HSL	344°, 26%, 57%
HSV	344°, 33%, 68%
XYZ	27.5757, 23.0137, 24.4614
YIQ	134.7530, 29.1570, 16.7490

Conversions

Conversions Part 2

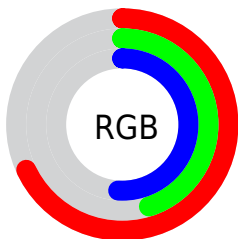
Format	Color
R_{YB}	173, 116, 131
Decimal	11367555
CIE _{Lab}	55.09, 24.60, 0.98
CIE _{LCh}	55, 24.616, 2.283
Yxy	23.0137, 0.3674, 0.3066
Android (android.graphics.Color)	4289557635 (0xFFAD7483)
YUV	134.7530, -1.8502, 33.5426
Hunter-Lab	47.9726, 18.6537, 3.3486

Details

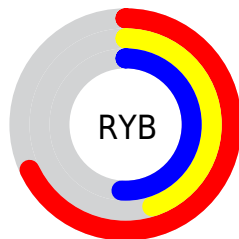
The XYZ color **27.5757, 23.0137, 24.4614** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.3186, 36.0693, 37.8191**, and the grayscale version is **22.9372, 24.1318, 26.2795**.

A 20% lighter version of the original color is **55.1528, 48.4946, 51.8009**, and **11.1379, 8.5454, 9.0450** is the 20% darker color. If you saturate the color by 10%, you get **24.9526, 19.0661, 19.5833**, and if you desaturate by 10%, it is **30.6778, 27.7488, 30.0242**.

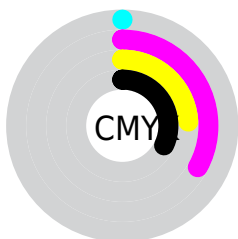
Distribution



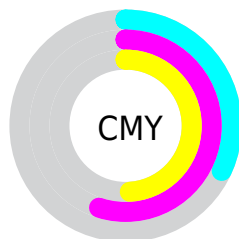
- Red (68%)
- Green (45%)
- Blue (51%)



- Red (68%)
- Yellow (45%)
- Blue (51%)



- Cyan (0%)
- Magenta (33%)
- Yellow (24%)
- Black (32%)





- Cyan (32%)
- Magenta (55%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5757, 23.0137, 24.4614 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 27.5757, 23.0137, 24.4614 by changing the saturation by 10% instead.


 27.5757, 23.0137,
24.4614


 27.5757, 23.0137,
24.4614


282.5508,
267.7954, 288.5063


 18.1449, 14.6036,
15.4609


 55.2197, 48.4158,
51.7353

 11.1544, 8.5417,
8.9933


 74.1636, 66.1767,
70.8458

 6.2388, 4.4435,
4.6400


 97.0092, 87.8232,
94.1634

 3.0329, 1.9246,
1.9826

124.1219,
113.7398, 122.1066

 1.1712, 0.5631,
0.5446

155.8671,
144.3110, 155.0939

 0.0834, 0.0000,
0.0000

192.6101,

 0.0000, 0.0000,

179.9210, 193.5440

0.0000

234.7162,
220.9543, 237.8752

■ 27.5757, 23.0137,
24.4614

■ 27.5757, 23.0137,
24.4614

■ 24.9526, 19.0661,
19.5833

■ 30.6778, 27.7488,
30.0242

■ 22.7820, 15.8597,
15.3614

■ 34.2797, 33.3076,
36.2959

■ 21.0379, 13.3488,
11.7672

■ 38.4031, 39.7281,
43.3012


■ 19.6906, 11.4810,
8.7692

■ 43.0683, 47.0450,
51.0631


■ 18.7064, 10.1963,
6.3333


■ 48.2939, 55.2910,
59.6036

 18.0456, 9.4234,
4.4212

 54.0981, 64.4972,
68.9438

 17.7174, 9.0778,
3.3537

 60.4980, 74.6932,
79.1041

 67.5100, 85.9074,
90.1040

 69.5874, 87.0418,
100.1082

Harmonies

Analogous

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



26.8806, 23.0137, 32.7567



27.5757, 23.0137, 24.4614



26.6404, 23.0137, 17.8281

Triad

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



27.5757, 23.0137, 24.4614



19.1772, 23.0137, 14.3383



19.5123, 23.0137, 40.9411

Complementary

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



27.5757, 23.0137, 24.4614



28.3186, 36.0693, 37.8191

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.



17.7127, 23.0137, 34.0179



27.5757, 23.0137, 24.4614



17.5309, 23.0137, 18.6713

Square

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



27.5757, 23.0137, 24.4614



21.6645, 23.0137, 12.7968



17.0177, 23.0137, 25.6642



22.0845, 23.0137, 43.3744

Rectangle

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



27.5757, 23.0137, 24.4614



25.2601, 23.0137, 14.9117



17.0177, 23.0137, 25.6642



18.8046, 23.0137, 38.9993

Sweetspot

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



27.5763, 23.0148, 24.4619



63.3442, 62.6810, 68.3470



27.8503, 22.7579, 42.4602



13.5566, 13.2965, 14.4949



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.5763, 23.0148, 24.4619



45.6721, 35.6164, 36.9313



28.2766, 25.9259, 20.0382



8.0885, 8.0487, 8.7771



13.0366, 6.6772, 2.5724



0.3853, 0.1948, 0.1907

Inverse Universe

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



27.5763, 23.0148, 24.4619



45.6721, 35.6164, 36.9313



27.2650, 31.7686, 44.2303



8.0885, 8.0487, 8.7771



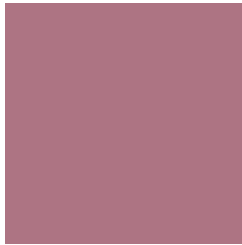
13.0366, 6.6772, 2.5724



0.3853, 0.1948, 0.1907

Previews

White Background



This preview shows how the XYZ color 27.5757, 23.0137, 24.4614 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 27.5757, 23.0137, 24.4614 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 27.5757, 23.0137, 24.4614

Background



This preview shows how black text looks on a background with the XYZ color 27.5757, 23.0137, 24.4614.



This preview shows how white text looks on a background with the XYZ color 27.5757, 23.0137,

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

27.5757, 23.0137, 24.4614

Protanopia

22.3656, 23.0316, 28.0777

Deuteranopia

23.5357, 23.1343, 23.9938



Tritanopia

27.1404, 22.9996, 22.7476

Trichromacy



Original Color

27.5757, 23.0137, 24.4614

Protanomaly

24.0088, 22.9309, 26.8276

Deuteranomaly

24.9472, 23.0949, 24.2620

Tritanomaly

27.2708, 23.0517, 23.4342

Monochromacy



Original Color

27.5757, 23.0137, 24.4614

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.4167, 23.5491, 25.8128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5757, 23.0137, 24.4614 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(173, 116, 131)` looks like.

```
.text, #text, p{  
    color:rgb(173, 116, 131)  
}
```

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(173, 116, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 116, 131) }
```

Border

The CSS property to change the border of an element to XYZ 27.5757, 23.0137, 24.4614 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(173, 116, 131) }
```


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

```
.border{ border-color:rgb(173, 116, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 116, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 116, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 116, 131);  
box-shadow:4px 4px 4px 4px rgb(173, 116,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5757, 23.0137, 24.4614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 116, 131) }
```

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

```
.background{ background-color: rgb(173,  
116, 131) }
```

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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