

Converting Colors

XYZ(23.7878, 23.7905, 27.0063)

Have a look what the booklet for
XYZ(23.7878, 23.7905, 27.0063)
contains.

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Color

**XYZ(23.7870, 23.7895,
27.0050)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8389
RGB	142, 131, 137
RGB Percent	56%, 51%, 54%
CMY	0.4431, 0.4863, 0.4627
CMYK	0.00, 0.08, 0.04, 0.44
HSL	327°, 5%, 54%
HSV	327°, 8%, 56%
XYZ	23.7870, 23.7895, 27.0050
YIQ	134.9730, 4.6300, 4.1980

Conversions

Conversions Part 2

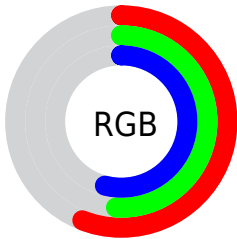
Format	Color
R_{YB}	142, 131, 137
Decimal	9339785
CIE Lab	55.88, 5.28, -1.73
CIE LCh	56, 5.557, 341.823
Yxy	23.7895, 0.3189, 0.3190
Android (android.graphics.Color)	4287529865 (0xFF8E8389)
YUV	134.9730, 0.9993, 6.1627
Hunter-Lab	48.7745, 1.6980, 1.3150

Details

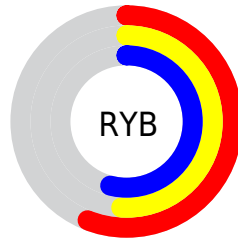
The XYZ color **23.7870, 23.7895, 27.0050** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.4779, 25.9496, 27.0652**, and the grayscale version is **23.0149, 24.2134, 26.3684**.

A 20% lighter version of the original color is **49.1997, 49.7344, 55.7218**, and **9.1512, 8.9980, 10.2713** is the 20% darker color. If you saturate the color by 10%, you get **21.5598, 20.0540, 24.0457**, and if you desaturate by 10%, it is **26.3047, 28.0610, 30.1984**.

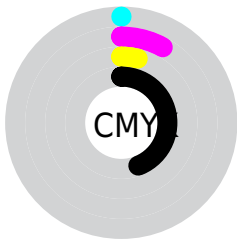
Distribution



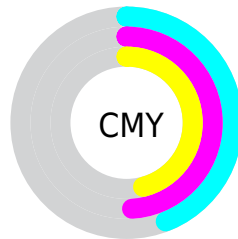
- Red (56%)
- Green (51%)
- Blue (54%)



- Red (56%)
- Yellow (51%)
- Blue (54%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (44%)



- Cyan (44%)
- Magenta (49%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7870, 23.7895, 27.0050 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 23.7870, 23.7895, 27.0050 by changing the saturation by 10% instead.

■ 23.7870, 23.7895,
27.0050

■ 23.7870, 23.7895,
27.0050

264.2024,
271.7545, 301.4423

■ 15.2996, 15.1775,
17.3445

■ 49.1396, 49.6865,
55.8957

■ 9.1176, 8.9441,
10.3159

■ 66.7355, 67.7403,
75.9630

■ 4.8757, 4.7047,
5.5006

■ 88.0982, 89.7102,
100.3364

■ 2.2085, 2.0751,
2.4800

113.5932,
115.9805, 129.4343

■ 0.7472, 0.6506,
0.8295

143.5857,
146.9357, 163.6753

■ 0.0000, 0.0000,
0.0000

178.4412,

182.9602, 203.4779

218.5250,
224.4384, 249.2607

■ 23.7870, 23.7895,
27.0050

■ 23.7870, 23.7895,
27.0050

■ 21.5598, 20.0540,
24.0457

■ 26.3047, 28.0610,
30.1984

■ 19.6101, 16.8301,
21.3131

■ 29.1212, 32.8854,
33.6302

■ 17.9266, 14.0959,
18.8011

■ 32.2472, 38.2829,
37.3065

■ 16.4968, 11.8271,
16.5032

■ 35.6921, 44.2716,
41.2326

■ 15.3069, 9.9971,
14.4121

■ 39.4649, 50.8689,
45.4137

■ 14.3419, 8.5763,
12.5201

■ 43.5743, 58.0914,
49.8548

■ 13.5847, 7.5320,
10.8189

■ 48.0285, 65.9551,
54.5606

■ 13.0159, 6.8258,
9.2991

■ 52.8357, 74.4754,
59.5360

■ 12.5977, 6.3834,
7.9452

■ 56.7779, 81.2158,
64.3769

Harmonies

Analogous

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



23.4323, 23.7895, 28.5872



23.7870, 23.7895, 27.0050



23.8231, 23.7895, 25.1953

Triad

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



23.7870, 23.7895, 27.0050



22.3628, 23.7895, 22.6396



21.7166, 23.7895, 28.2965

Complementary

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



23.7870, 23.7895, 27.0050



23.4779, 25.9496, 27.0652

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.



21.4411, 23.7895, 26.6233



23.7870, 23.7895, 27.0050



21.8095, 23.7895, 23.3918

Square

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



23.7870, 23.7895, 27.0050



22.9929, 23.7895, 22.7311



21.4748, 23.7895, 24.8309



22.2338, 23.7895, 29.3564

Rectangle

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



23.7870, 23.7895, 27.0050



23.6608, 23.7895, 24.1084



21.4748, 23.7895, 24.8309



21.5931, 23.7895, 27.7839

Sweetspot

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



23.7877, 23.7905, 27.0055



44.4145, 46.1290, 50.7812



23.1449, 23.4168, 28.8916



9.9336, 10.3260, 11.3592



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.



23.7877, 23.7905, 27.0055



41.3492, 40.9443, 46.8433



23.4066, 23.6381, 24.9988



5.5241, 5.4702, 6.2582



11.2419, 5.6538, 6.9249



0.1186, 0.0585, 0.1248

Inverse Universe

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



23.7877, 23.7905, 27.0055



41.3492, 40.9443, 46.8433



23.8751, 26.1084, 29.1568



5.5241, 5.4702, 6.2582



11.2419, 5.6538, 6.9249



0.1186, 0.0585, 0.1248

Previews

White Background



This preview shows how the XYZ color 23.7870, 23.7895, 27.0050 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 23.7870, 23.7895, 27.0050 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

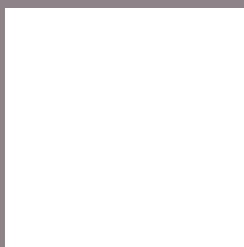
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.7870, 23.7895, 27.0050

Background



This preview shows how black text looks on a background with the XYZ color 23.7870, 23.7895, 27.0050.



This preview shows how white text looks on a background with the XYZ color 23.7870, 23.7895,

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

23.7870, 23.7895, 27.0050

Protanopia

22.9666, 23.7609, 27.4206

Deuteranopia

24.1750, 23.7911, 26.9849



Tritanopia

24.1180, 23.7280, 28.5081

Trichromacy



Original Color

23.7870, 23.7895, 27.0050

Protanomaly

23.3199, 23.7408, 27.3981

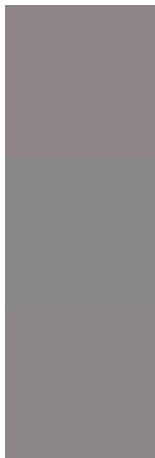
Deuteranomaly

23.9996, 23.7007, 26.9767

Tritanomaly

24.0439, 23.6984, 28.1179

Monochromacy



Original Color

23.7870, 23.7895, 27.0050

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.4503, 24.2310, 26.7336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7870, 23.7895, 27.0050 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(142, 131, 137) looks like.

```
.text, #text, p{  
    color:rgb(142, 131, 137)  
}
```

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(142, 131, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 131, 137) }
```

Border

The CSS property to change the border of an element to XYZ 23.7870, 23.7895, 27.0050 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(142, 131, 137) }
```


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

```
.border{ border-color:rgb(142, 131, 137) }
```

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

Here you see how a box with a 4 pixel rgb(142, 131, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 131, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 131, 137);  
box-shadow:4px 4px 4px 4px rgb(142, 131,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7870, 23.7895, 27.0050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 131, 137) }
```

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

```
.background{ background-color: rgb(142,  
131, 137) }
```

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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