

Converting Colors

XYZ(23.7216, 23.8005, 26.7214)

Have a look what the booklet for
XYZ(23.7216, 23.8005, 26.7214)
contains.

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Color

**XYZ(23.7156, 23.7610,
26.6289)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8388
RGB	142, 131, 136
RGB Percent	56%, 51%, 53%
CMY	0.4431, 0.4863, 0.4667
CMYK	0.00, 0.08, 0.04, 0.44
HSL	333°, 5%, 54%
HSV	333°, 8%, 56%
XYZ	23.7156, 23.7610, 26.6289
YIQ	134.8590, 4.9510, 3.8870

Conversions

Conversions Part 2

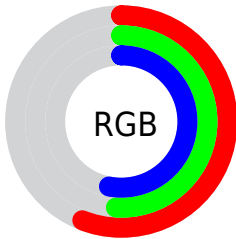
Format	Color
R_{YB}	142, 131, 136
Decimal	9339784
CIE _{Lab}	55.85, 5.09, -1.20
CIE _{LCh}	56, 5.227, 346.762
Yxy	23.7610, 0.3200, 0.3206
Android (android.graphics.Color)	4287529864 (0xFF8E8388)
YUV	134.8590, 0.5625, 6.2627
Hunter-Lab	48.7453, 1.5398, 1.7323

Details

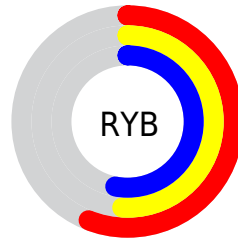
The XYZ color **23.7156, 23.7610, 26.6289** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.5494, 25.9781, 27.4414**, and the grayscale version is **22.9742, 24.1706, 26.3218**.

A 20% lighter version of the original color is **49.0907, 49.6909, 55.1480**, and **9.1106, 8.9818, 10.0576** is the 20% darker color. If you saturate the color by 10%, you get **21.4069, 19.9929, 23.2403**, and if you desaturate by 10%, it is **26.3269, 28.0699, 30.3153**.

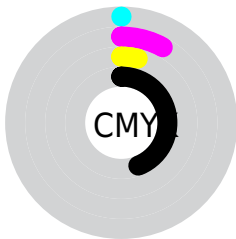
Distribution



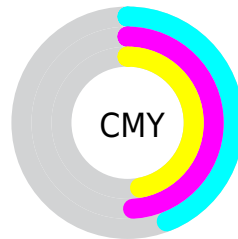
- Red (56%)
- Green (51%)
- Blue (53%)



- Red (56%)
- Yellow (51%)
- Blue (53%)



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



- Cyan (44%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7156, 23.7610, 26.6289 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 23.7156, 23.7610, 26.6289 by changing the saturation by 10% instead.

■ 23.7156, 23.7610,
26.6289

■ 23.7156, 23.7610,
26.6289

263.8467,
271.6099, 299.5589

■ 15.2464, 15.1564,
17.0647

■ 49.0238, 49.6399,
55.2843

■ 9.0799, 8.9292,
10.1182

■ 66.5934, 67.6830,
75.2126

■ 4.8509, 4.6951,
5.3708

■ 87.9273, 89.6411,
99.4327

■ 2.1939, 2.0695,
2.4039

113.3906,
115.8986, 128.3631

■ 0.7395, 0.6474,
0.7886

143.3489,
146.8398, 162.4224

■ 0.0000, 0.0000,
0.0000

178.1675,

182.8492, 202.0291

218.2116,
224.3111, 247.6018

■ 23.7156, 23.7610,
26.6289

■ 23.7156, 23.7610,
26.6289

■ 21.4069, 19.9929,
23.2403

■ 26.3269, 28.0699,
30.3153

■ 19.3873, 16.7410,
20.1402

■ 29.2495, 32.9368,
34.3056

■ 17.6455, 13.9835,
17.3206

■ 32.4943, 38.3818,
38.6076

■ 16.1682, 11.6957,
14.7728

■ 36.0711, 44.4233,
43.2283

■ 14.9415, 9.8509,
12.4876

■ 39.9892, 51.0787,
48.1745

■ 13.9497, 8.4195,
10.4550

■ 44.2576, 58.3648,
53.4527

■ 13.1756, 7.3683,
8.6642

■ 48.8848, 66.2977,
59.0695

■ 12.5990, 6.6591,
7.1035

■ 53.8792, 74.8929,
65.0308

■ 12.1817, 6.2170,
5.7545

■ 58.0231, 81.7139,
70.9341

Harmonies

Analogous

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



23.4274, 23.7610, 28.1805



23.7156, 23.7610, 26.6289



23.6968, 23.7610, 24.9387

Triad

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



23.7156, 23.7610, 26.6289



22.2559, 23.7610, 22.8610



21.8098, 23.7610, 28.3315

Complementary

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



23.7156, 23.7610, 26.6289



23.5494, 25.9781, 27.4414

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.



21.5068, 23.7610, 26.8277



23.7156, 23.7610, 26.6289



21.7613, 23.7610, 23.6925

Square

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



23.7156, 23.7610, 26.6289



22.8470, 23.7610, 22.8130



21.4892, 23.7610, 25.1290



22.3233, 23.7610, 29.1922

Rectangle

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



23.7156, 23.7610, 26.6289



23.5126, 23.7610, 23.9608



21.4892, 23.7610, 25.1290



21.6804, 23.7610, 27.8816

Sweetspot

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



23.7163, 23.7620, 26.6294



44.3800, 46.1152, 50.5997



23.2944, 23.4939, 28.8986



9.9264, 10.3231, 11.3214



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.



23.7163, 23.7620, 26.6294



41.2012, 40.8851, 46.0639



23.4186, 23.7219, 24.8185



5.5044, 5.4623, 6.1541



10.8693, 5.5047, 4.9630



0.1148, 0.0570, 0.1048

Inverse Universe

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



23.7163, 23.7620, 26.6294



41.2012, 40.8851, 46.0639



23.8619, 26.0160, 29.3555



5.5044, 5.4623, 6.1541



10.8693, 5.5047, 4.9630



0.1148, 0.0570, 0.1048

Previews

White Background



This preview shows how the XYZ color 23.7156, 23.7610, 26.6289 looks on a white background.

Color Contrast Check

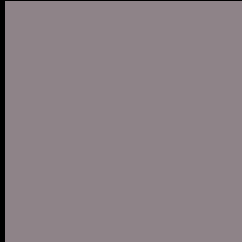
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.7156, 23.7610, 26.6289 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

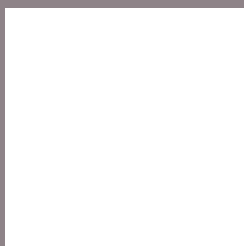
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.7156, 23.7610, 26.6289

Background



This preview shows how black text looks on a background with the XYZ color 23.7156, 23.7610, 26.6289.



This preview shows how white text looks on a background with the XYZ color 23.7156, 23.7610,

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

23.7156, 23.7610, 26.6289

Protanopia

22.8946, 23.7321, 27.0410

Deuteranopia

24.2806, 23.8538, 26.6171



Tritanopia

24.1180, 23.7280, 28.5081

Trichromacy



Original Color

23.7156, 23.7610, 26.6289

Protanomaly

23.2479, 23.7119, 27.0185

Deuteranomaly

24.1036, 23.7626, 26.6088

Tritanomaly

23.9705, 23.6690, 27.7313

Monochromacy



Original Color

23.7156, 23.7610, 26.6289

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.3795, 24.2027, 26.3610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7156, 23.7610, 26.6289 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, 136)` looks like.

```
.text, #text, p{  
    color:rgb(142, 131, 136)  
}
```

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, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 131, 136) }
```

Border

The CSS property to change the border of an element to XYZ 23.7156, 23.7610, 26.6289 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, 136) }
```


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

```
.border{ border-color:rgb(142, 131, 136) }
```

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, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 131, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 131, 136);  
box-shadow:4px 4px 4px 4px rgb(142, 131,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7156, 23.7610, 26.6289 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, 136) }
```

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

```
.background{ background-color: rgb(142,  
131, 136) }
```

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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