

Converting Colors

XYZ(23.9570, 23.9124, 29.7922)

Have a look what the booklet for
XYZ(23.9570, 23.9124, 29.7922)
contains.

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Color

**XYZ(23.9656, 23.8217,
29.7205)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8390
RGB	140, 131, 144
RGB Percent	55%, 51%, 56%
CMY	0.4510, 0.4863, 0.4353
CMYK	0.03, 0.09, 0.00, 0.44
HSL	282°, 6%, 54%
HSV	282°, 9%, 56%
XYZ	23.9656, 23.8217, 29.7205
YIQ	135.1730, 1.1910, 5.9510

Conversions

Conversions Part 2

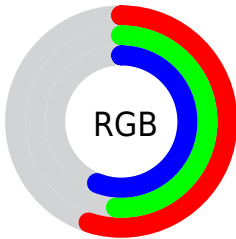
Format	Color
R_{YB}	140, 131, 144
Decimal	9208720
CIE Lab	55.91, 5.93, -5.76
CIE LCh	56, 8.261, 315.838
Yxy	23.8217, 0.3092, 0.3073
Android (android.graphics.Color)	4287398800 (0xFF8C8390)
YUV	135.1730, 4.3517, 4.2333
Hunter-Lab	48.8075, 2.2345, -1.9384

Details

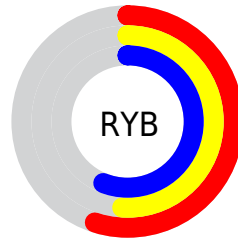
The XYZ color **23.9656, 23.8217, 29.7205** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.0625, 26.7367, 25.3664**, and the grayscale version is **23.0780, 24.2798, 26.4407**.

A 20% lighter version of the original color is **49.5817, 49.8275, 60.4305**, and **9.2541, 9.0164, 11.8423** is the 20% darker color. If you saturate the color by 10%, you get **21.4329, 19.8423, 29.0862**, and if you desaturate by 10%, it is **26.7986, 28.3563, 30.4468**.

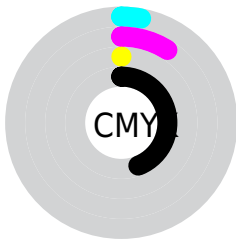
Distribution



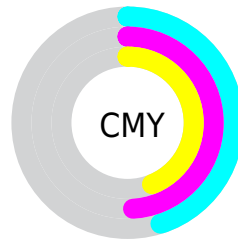
- Red (55%)
- Green (51%)
- Blue (56%)



- Red (55%)
- Yellow (51%)
- Blue (56%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)
- Black (44%)



- Cyan (45%)
- Magenta (49%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9656, 23.8217, 29.7205 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 23.9656, 23.8217, 29.7205 by changing the saturation by 10% instead.

■ 23.9656, 23.8217,
29.7205

■ 23.9656, 23.8217,
29.7205

265.0902,
271.9178, 314.7661

■ 15.4327, 15.2014,
19.3763

■ 49.4291, 49.7391,
60.2757

■ 9.2119, 8.9609,
11.7629

■ 67.0905, 67.8050,
81.3237

■ 4.9379, 4.7157,
6.4619

■ 88.5254, 89.7882,
106.7767

■ 2.2452, 2.0814,
3.0546

114.0992,
116.0731, 137.0533

■ 0.7664, 0.6541,
1.1226

144.1772,
147.0441, 172.5720

■ 0.0000, 0.0000,
0.0000

179.1248,

183.0857, 213.7514

219.3073,
224.5821, 261.0099

■ 23.9656, 23.8217,
29.7205

■ 23.9656, 23.8217,
29.7205

■ 21.4329, 19.8423,
29.0862

■ 26.7986, 28.3563,
30.4468

■ 19.1870, 16.3928,
28.5388

■ 29.9405, 33.4640,
31.2671

■ 17.2165, 13.4504,
28.0747

■ 33.4022, 39.1656,
32.1852

■ 15.5084, 10.9896,
27.6898

■ 37.1934, 45.4800,
33.2042

■ 14.0483, 8.9826,
27.3793

■ 41.3234, 52.4253,
34.3271

■ 12.8208, 7.3984,
27.1382

■ 45.8009, 60.0187,
35.5567

■ 11.8080, 6.2025,
26.9608

■ 50.6347, 68.2769,
36.8960

■ 10.9895, 5.3545,
26.8402

■ 55.8328, 77.2158,
38.3474

■ 10.3181, 4.7602,
26.7609

■ 59.5893, 83.2229,
39.3089

Harmonies

Analogous

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



23.1395, 23.8217, 31.2527



23.9656, 23.8217, 29.7205



24.4430, 23.8217, 27.2272

Triad

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



23.9656, 23.8217, 29.7205



23.0877, 23.8217, 21.2281



20.9443, 23.8217, 27.3788

Complementary

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



23.9656, 23.8217, 29.7205



24.0625, 26.7367, 25.3664

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.



20.9313, 23.8217, 24.6897



23.9656, 23.8217, 29.7205



22.1513, 23.8217, 21.2625

Square

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



23.9656, 23.8217, 29.7205



23.9267, 23.8217, 22.3931



21.3677, 23.8217, 22.4905



21.4037, 23.8217, 29.8381

Rectangle

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



23.9656, 23.8217, 29.7205



24.4911, 23.8217, 25.4139



21.3677, 23.8217, 22.4905



20.8880, 23.8217, 26.4688

Sweetspot

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



23.9663, 23.8227, 29.7210



45.1852, 46.6666, 53.1641



23.0753, 24.2005, 29.8409



10.2744, 10.5613, 12.1692



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.9663, 23.8227, 29.7210



41.2430, 40.3906, 52.1604



24.4724, 24.1044, 28.8039



5.4670, 5.4289, 6.7885



8.9549, 4.1100, 23.2984



0.1082, 0.0509, 0.2238

Inverse Universe

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



23.9919, 23.9123, 26.2738



41.3071, 40.5894, 44.6744



23.5944, 26.4765, 26.1974



5.4730, 5.4497, 5.9887



10.4264, 5.3276, 2.6310



0.1087, 0.0545, 0.0724

Previews

White Background



This preview shows how the XYZ color 23.9656, 23.8217, 29.7205 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 23.9656, 23.8217, 29.7205 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 23.9656, 23.8217, 29.7205

Background



This preview shows how black text looks on a background with the XYZ color 23.9656, 23.8217, 29.7205.

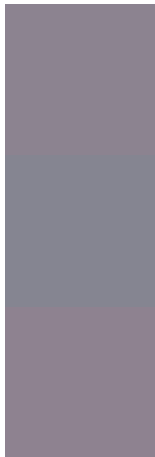


This preview shows how white text looks on a background with the XYZ color 23.9656, 23.8217,

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

23.9656, 23.8217, 29.7205

Protanopia

23.1712, 23.8059, 30.1618

Deuteranopia

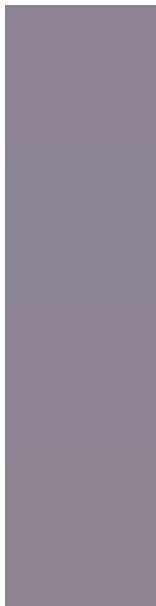
24.1720, 23.7297, 29.6918



Tritanopia

23.8140, 23.7610, 28.9224

Trichromacy



Original Color

23.9656, 23.8217, 29.7205

Protanomaly

23.5154, 23.7811, 30.1389

Deuteranomaly

24.0012, 23.6416, 29.6838

Tritanomaly

23.8894, 23.7912, 29.3197

Monochromacy



Original Color

23.9656, 23.8217, 29.7205

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.4291, 24.2035, 27.4817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9656, 23.8217, 29.7205 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(140, 131, 144)` looks like.

```
.text, #text, p{  
    color:rgb(140, 131, 144)  
}
```

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(140, 131, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 131, 144) }
```

Border

The CSS property to change the border of an element to XYZ 23.9656, 23.8217, 29.7205 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(140, 131, 144) }
```


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

```
.border{ border-color:rgb(140, 131, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 131, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 131, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 131, 144);  
box-shadow:4px 4px 4px 4px rgb(140, 131,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9656, 23.8217, 29.7205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 131, 144) }
```

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

```
.background{ background-color: rgb(140,  
131, 144) }
```

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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