

Converting Colors

XYZ(23.3575, 23.8065, 26.0556)

Have a look what the booklet for
XYZ(23.3575, 23.8065, 26.0556)
contains.

XYZ(23.3696, 23.7992, 25.9163)	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(23.3696, 23.7992,
25.9163)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8486
RGB	140, 132, 134
RGB Percent	55%, 52%, 53%
CMY	0.4510, 0.4823, 0.4745
CMYK	0.00, 0.06, 0.04, 0.45
HSL	345°, 3%, 53%
HSV	345°, 6%, 55%
XYZ	23.3696, 23.7992, 25.9163
YIQ	134.6200, 4.1260, 2.3180

Conversions

Conversions Part 2

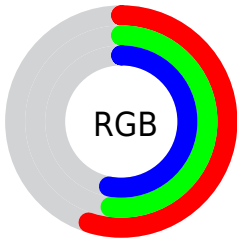
Format	Color
R_{YB}	140, 132, 134
Decimal	9208966
CIE Lab	55.89, 3.38, -0.00
CIE LCh	56, 3.384, 359.919
Yxy	23.7992, 0.3198, 0.3256
Android (android.graphics.Color)	4287399046 (0xFF8C8486)
YUV	134.6200, -0.3057, 4.7183
Hunter-Lab	48.7844, 0.1356, 2.6518

Details

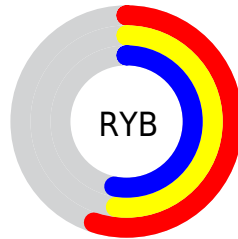
The XYZ color **23.3696, 23.7992, 25.9163** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.4822, 25.4974, 27.7299**, and the grayscale version is **22.8890, 24.0810, 26.2243**.

A 20% lighter version of the original color is **48.5667, 49.7551, 54.0577**, and **8.9099, 9.0003, 9.6551** is the 20% darker color. If you saturate the color by 10%, you get **20.9006, 19.9757, 21.6569**, and if you desaturate by 10%, it is **26.1675, 28.1634, 30.6449**.

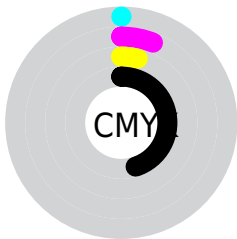
Distribution



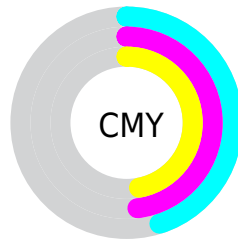
- Red (55%)
- Green (52%)
- Blue (53%)



- Red (55%)
- Yellow (52%)
- Blue (53%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (45%)



- Cyan (45%)
- Magenta (48%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3696, 23.7992, 25.9163 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 23.3696, 23.7992, 25.9163 by changing the saturation by 10% instead.

■ 23.3696, 23.7992,
25.9163

■ 23.3696, 23.7992,
25.9163

262.1177,
271.8037, 295.9634

■ 14.9888, 15.1847,
16.5358

■ 48.4617, 49.7023,
54.1223

■ 8.8978, 8.9491,
9.7457

■ 65.9038, 67.7598,
73.7849

■ 4.7312, 4.7080,
5.1273

■ 87.0970, 89.7337,
97.7120

■ 2.1235, 2.0770,
2.2621

112.4067,
116.0084, 126.3221

■ 0.7020, 0.6516,
0.7099

142.1983,
146.9684, 160.0338

■ 0.0000, 0.0000,
0.0000

176.8371,

182.9980, 199.2655

216.6884,
224.4817, 244.4358

■ 23.3696, 23.7992,
25.9163

■ 23.3696, 23.7992,
25.9163

■ 20.9006, 19.9757,
21.6569

■ 26.1675, 28.1634,
30.6449

■ 18.7464, 16.6689,
17.8507

■ 29.3038, 33.0852,
35.8551

■ 16.8946, 13.8575,
14.4830

■ 32.7902, 38.5843,
41.5605

■ 15.3313, 11.5173,
11.5377

■ 36.6372, 44.6787,
47.7740

■ 14.0417, 9.6225,
8.9977

■ 40.8548, 51.3856,
54.5077

■ 13.0093, 8.1444,
6.8447

■ 45.4525, 58.7214,
61.7736

■ 12.2159, 7.0511,
5.0589

■ 50.4398, 66.7020,
69.5831

■ 11.6408, 6.3060,
3.6187

■ 55.8256, 75.3427,
77.9473

■ 11.2547, 5.8555,
2.4979

■ 60.6525, 82.7264,
86.5549

Harmonies

Analogous

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



23.2677, 23.7992, 26.9917



23.3696, 23.7992, 25.9163



23.2688, 23.7992, 24.8691

Triad

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



23.3696, 23.7992, 25.9163



22.2528, 23.7992, 24.1170



22.2510, 23.7992, 27.7935

Complementary

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



23.3696, 23.7992, 25.9163



23.4822, 25.4974, 27.7299

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.



21.9842, 23.7992, 26.9863



23.3696, 23.7992, 25.9163



21.9852, 23.7992, 24.8640

Square

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



23.3696, 23.7992, 25.9163



22.6215, 23.7992, 23.8484



21.8874, 23.7992, 25.9103



22.6194, 23.7992, 28.0941

Rectangle

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



23.3696, 23.7992, 25.9163



23.1009, 23.7992, 24.3231



21.8874, 23.7992, 25.9103



22.1466, 23.7992, 27.5713

Sweetspot

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



23.3703, 23.8002, 25.9168



42.9442, 44.6716, 48.6543



23.4669, 23.8003, 28.1685



9.9103, 10.3167, 11.2364



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.



23.3703, 23.8002, 25.9168



40.5425, 40.9353, 44.5641



23.5060, 24.2925, 25.2810



5.1861, 5.2311, 5.6947



9.8861, 5.0645, 1.9043



0.0708, 0.0357, 0.0397

Inverse Universe

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



23.3703, 23.8002, 25.9168



40.5425, 40.9353, 44.5641



23.3387, 24.9767, 28.4023



5.1861, 5.2311, 5.6947



9.8861, 5.0645, 1.9043



0.0708, 0.0357, 0.0397

Previews

White Background



This preview shows how the XYZ color 23.3696, 23.7992, 25.9163 looks on a white background.

Color Contrast Check

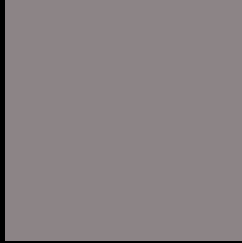
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3696, 23.7992, 25.9163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

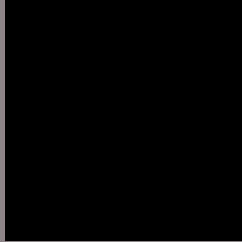
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.3696, 23.7992, 25.9163

Background



This preview shows how black text looks on a background with the XYZ color 23.3696, 23.7992, 25.9163.



This preview shows how white text looks on a background with the XYZ color 23.3696, 23.7992,

25.9163.

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

23.3696, 23.7992, 25.9163

Protanopia

22.9140, 23.7586, 26.2998

Deuteranopia

24.3183, 23.8895, 25.8837



Tritanopia

23.9085, 23.8184, 28.5366

Trichromacy



Original Color

23.3696, 23.7992, 25.9163

Protanomaly

23.0772, 23.8427, 26.3075

Deuteranomaly

23.9210, 23.8831, 25.9034

Tritanomaly

23.6883, 23.7303, 27.3767

Monochromacy



Original Color

23.3696, 23.7992, 25.9163

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.2148, 24.1178, 26.3533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3696, 23.7992, 25.9163 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, 132, 134) looks like.

```
.text, #text, p{  
    color:rgb(140, 132, 134)  
}
```

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, 132, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 132, 134) }
```

Border

The CSS property to change the border of an element to XYZ 23.3696, 23.7992, 25.9163 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, 132, 134) }
```


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

```
.border{ border-color:rgb(140, 132, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 132, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 132, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 132, 134);  
box-shadow:4px 4px 4px 4px rgb(140, 132,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3696, 23.7992, 25.9163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 132, 134) }
```

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

```
.background{ background-color: rgb(140,  
132, 134) }
```

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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