

Converting Colors

XYZ(23.2808, 22.9670, 24.9512)

Have a look what the booklet for
XYZ(23.2808, 22.9670, 24.9512)
contains.

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Color

**XYZ(23.3856, 23.0336,
25.0432)**

Conversions

Conversions Part 1

Format	Color
Hex	908084
RGB	144, 128, 132
RGB Percent	56%, 50%, 52%
CMY	0.4353, 0.4980, 0.4823
CMYK	0.00, 0.11, 0.08, 0.44
HSL	345°, 7%, 53%
HSV	345°, 11%, 56%
XYZ	23.3856, 23.0336, 25.0432
YIQ	133.2400, 8.2520, 4.6360

Conversions

Conversions Part 2

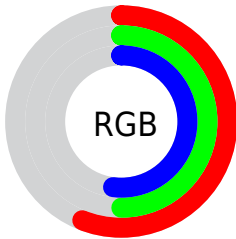
Format	Color
R_{YB}	144, 128, 132
Decimal	9470084
CIE Lab	55.11, 6.81, 0.06
CIE LCh	55, 6.814, 0.500
Yxy	23.0336, 0.3272, 0.3223
Android (android.graphics.Color)	4287660164 (0xFF908084)
YUV	133.2400, -0.6113, 9.4365
Hunter-Lab	47.9933, 2.9889, 2.6575

Details

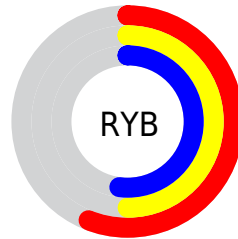
The XYZ color **23.3856, 23.0336, 25.0432** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.6098, 26.4297, 28.6692**, and the grayscale version is **22.3824, 23.5480, 25.6438**.

A 20% lighter version of the original color is **48.5695, 48.5563, 52.7114**, and **8.9734, 8.5962, 9.3699** is the 20% darker color. If you saturate the color by 10%, you get **20.9378, 19.2601, 20.7673**, and if you desaturate by 10%, it is **26.1778, 27.3729, 29.8121**.

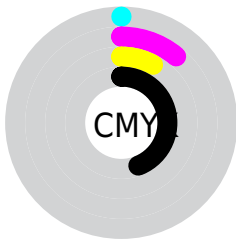
Distribution



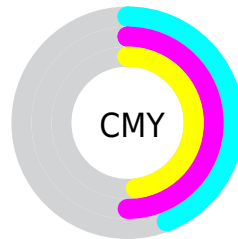
- Red (56%)
- Green (50%)
- Blue (52%)



- Red (56%)
- Yellow (50%)
- Blue (52%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (44%)



- Cyan (44%)
- Magenta (50%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3856, 23.0336, 25.0432 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 23.3856, 23.0336, 25.0432 by changing the saturation by 10% instead.

■ 23.3856, 23.0336,
25.0432

■ 23.3856, 23.0336,
25.0432

262.1979,
267.8975, 291.5076

■ 15.0007, 14.6183,
15.8899

■ 48.4877, 48.4485,
52.6923

■ 8.9062, 8.5520,
9.2928

■ 65.9357, 66.2169,
72.0252

■ 4.7367, 4.4501,
4.8332

■ 87.1354, 87.8718,
95.5884

■ 2.1268, 1.9284,
2.0927

112.4523,
113.7976, 123.8004

■ 0.7037, 0.5654,
0.6114

142.2516,
144.3787, 157.0798

■ 0.0000, 0.0000,
0.0000

176.8987,

179.9994, 195.8451

216.7590,
221.0442, 240.5148

■ 23.3856, 23.0336,
25.0432

■ 23.3856, 23.0336,
25.0432

■ 20.9378, 19.2601,
20.7673

■ 26.1778, 27.3729,
29.8121

■ 18.8190, 16.0261,
16.9671

■ 29.3253, 32.2969,
35.0877

■ 17.0155, 13.3077,
13.6261

■ 32.8407, 37.8273,
40.8851

■ 15.5117, 11.0781,
10.7267

■ 36.7355, 43.9838,
47.2181

■ 14.2909, 9.3080,
8.2497

■ 41.0208, 50.7853,
54.1003

■ 13.3345, 7.9648,
6.1748

■ 45.7070, 58.2498,
61.5444

■ 12.6216, 7.0119,
4.4796

■ 50.8044, 66.3946,
69.5630

■ 12.1281, 6.4062,
3.1396

■ 56.3226, 75.2364,
78.1682

■ 11.8198, 6.0566,
2.2138

■ 61.4348, 83.1186,
87.0929

Harmonies

Analogous

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



23.1884, 23.0336, 27.1958



23.3856, 23.0336, 25.0432



23.1752, 23.0336, 23.0165

Triad

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



23.3856, 23.0336, 25.0432



21.1600, 23.0336, 21.6462



21.1815, 23.0336, 28.8984

Complementary

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



23.3856, 23.0336, 25.0432



23.6098, 26.4297, 28.6692

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.



20.6585, 23.0336, 27.2626



23.3856, 23.0336, 25.0432



20.6463, 23.0336, 23.0762

Square

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



23.3856, 23.0336, 25.0432



21.8800, 23.0336, 21.1260



20.4648, 23.0336, 25.1162



21.9055, 23.0336, 29.4982

Rectangle

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



23.3856, 23.0336, 25.0432



22.8347, 23.0336, 21.9892



20.4648, 23.0336, 25.1162



20.9770, 23.0336, 28.4469

Sweetspot

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



23.3863, 23.0346, 25.0437



45.1613, 46.7050, 50.8695



23.5692, 23.0285, 29.5884



10.2678, 10.5724, 11.5148



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.



23.3863, 23.0346, 25.0437



40.2654, 39.1082, 42.4710



23.6498, 23.9913, 23.8077



5.4607, 5.4448, 5.9242



10.3013, 5.2775, 1.9719



0.1062, 0.0536, 0.0596

Inverse Universe

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



23.3863, 23.0346, 25.0437



40.2654, 39.1082, 42.4710



23.3150, 25.3596, 30.0518



5.4607, 5.4448, 5.9242



10.3013, 5.2775, 1.9719



0.1062, 0.0536, 0.0596

Previews

White Background



This preview shows how the XYZ color 23.3856, 23.0336, 25.0432 looks on a white background.

Color Contrast Check

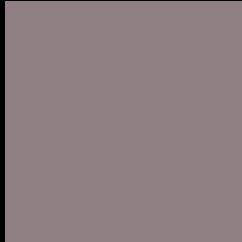
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3856, 23.0336, 25.0432 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

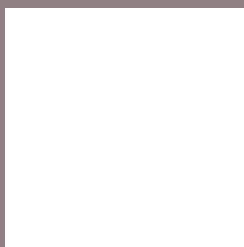
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3856, 23.0336, 25.0432

Background



This preview shows how black text looks on a background with the XYZ color 23.3856, 23.0336, 25.0432.



This preview shows how white text looks on a background with the XYZ color 23.3856, 23.0336,

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

23.3856, 23.0336, 25.0432

Protanopia

22.2509, 23.0222, 25.8252

Deuteranopia

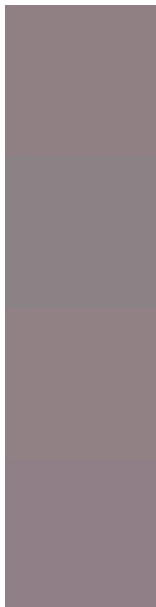
23.5611, 23.1240, 25.0514



Tritanopia

23.7818, 23.0046, 26.8538

Trichromacy



Original Color

23.3856, 23.0336, 25.0432

Protanomaly

22.6975, 23.0620, 25.4454

Deuteranomaly

23.5611, 23.1240, 25.0514

Tritanomaly

23.6396, 22.9478, 26.1051

Monochromacy



Original Color

23.3856, 23.0336, 25.0432

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.6665, 23.2444, 25.4823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3856, 23.0336, 25.0432 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(144, 128, 132)` looks like.

```
.text, #text, p{  
    color:rgb(144, 128, 132)  
}
```

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(144, 128, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 128, 132) }
```

Border

The CSS property to change the border of an element to XYZ 23.3856, 23.0336, 25.0432 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(144, 128, 132) }
```


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

```
.border{ border-color:rgb(144, 128, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 128, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 128, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 128, 132); box-shadow:4px 4px 4px 4px rgb(144, 128, 132) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3856, 23.0336, 25.0432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 128, 132) }
```

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

```
.background{ background-color: rgb(144,  
128, 132) }
```

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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