

Converting Colors

XYZ(23.6609, 23.8362, 25.3708)

Have a look what the booklet for
XYZ(23.6609, 23.8362, 25.3708)
contains.

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Color

**XYZ(23.6776, 23.7657,
25.5296)**

Conversions

Conversions Part 1

Format	Color
Hex	8F8385
RGB	143, 131, 133
RGB Percent	56%, 51%, 52%
CMY	0.4392, 0.4863, 0.4784
CMYK	0.00, 0.08, 0.07, 0.44
HSL	350°, 5%, 54%
HSV	350°, 8%, 56%
XYZ	23.6776, 23.7657, 25.5296
YIQ	134.8160, 6.5100, 3.1660

Conversions

Conversions Part 2

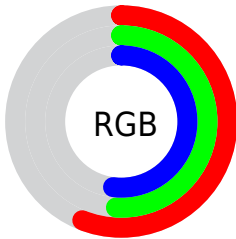
Format	Color
RYB	143, 131, 133
Decimal	9405317
CIELab	55.85, 4.90, 0.56
CIELCh	56, 4.931, 6.481
Yxy	23.7657, 0.3245, 0.3257
Android (android.graphics.Color)	4287595397 (0xFF8F8385)
YUV	134.8160, -0.8953, 7.1774
Hunter-Lab	48.7501, 1.3837, 3.0759

Details

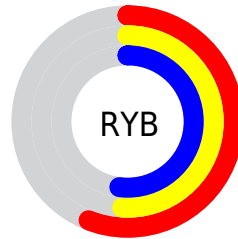
The XYZ color **23.6776, 23.7657, 25.5296** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.9911, 26.3938, 29.0306**, and the grayscale version is **22.9630, 24.1589, 26.3090**.

A 20% lighter version of the original color is **49.0294, 49.6965, 53.4626**, and **9.1317, 9.0018, 9.6437** is the 20% darker color. If you saturate the color by 10%, you get **21.1108, 19.8758, 20.8392**, and if you desaturate by 10%, it is **26.6043, 28.2253, 30.8017**.

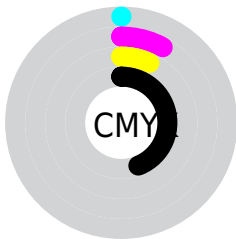
Distribution



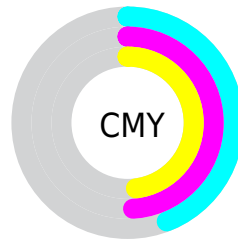
- Red (56%)
- Green (51%)
- Blue (52%)



- Red (56%)
- Yellow (51%)
- Blue (52%)



- Cyan (0%)
- Magenta (8%)
- Yellow (7%)
- Black (44%)



- Cyan (44%)
- Magenta (49%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6776, 23.7657, 25.5296 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 23.6776, 23.7657, 25.5296 by changing the saturation by 10% instead.

■ 23.6776, 23.7657,
25.5296

■ 23.6776, 23.7657,
25.5296

263.6573,
271.6338, 293.9969

■ 15.2181, 15.1599,
16.2495

■ 48.9621, 49.6476,
53.4898

■ 9.0599, 8.9317,
9.5446

■ 66.5178, 67.6925,
73.0070

■ 4.8377, 4.6967,
4.9964

■ 87.8362, 89.6525,
96.7736

■ 2.1861, 2.0704,
2.1865

113.2828,
115.9121, 125.2082

■ 0.7354, 0.6479,
0.6665

143.2228,
146.8556, 158.7292

■ 0.0000, 0.0000,
0.0000

178.0217,

182.8675, 197.7553

218.0447,
224.3321, 242.7050

■ 23.6776, 23.7657,
25.5296

■ 23.6776, 23.7657,
25.5296

■ 21.1108, 19.8758,
20.8392

■ 26.6043, 28.2253,
30.8017

■ 18.8880, 16.5296,
16.7089

■ 29.9021, 33.2730,
36.6728

■ 16.9950, 13.7037,
13.1181

■ 33.5840, 38.9301,
43.1617

■ 15.4160, 11.3721,
10.0445

■ 37.6621, 45.2163,
50.2857

■ 14.1338, 9.5060,
7.4638

■ 42.1475, 52.1499,
58.0614

■ 13.1294, 8.0742,
5.3502

■ 47.0513, 59.7488,
66.5049

■ 12.3816, 7.0412,
3.6753

■ 52.3839, 68.0302,
75.6318

■ 11.8663, 6.3661,
2.4073

■ 58.1555, 77.0104,
85.4569

■ 11.5362, 5.9631,
1.5044

■ 62.8568, 83.6673,
95.4884

Harmonies

Analogous

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



23.5923, 23.7657, 27.1295



23.6776, 23.7657, 25.5296



23.4672, 23.7657, 24.0829

Triad

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



23.6776, 23.7657, 25.5296



21.9532, 23.7657, 23.4711



22.1608, 23.7657, 28.8146

Complementary

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



23.6776, 23.7657, 25.5296



23.9911, 26.3938, 29.0306

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.



21.7322, 23.7657, 27.7577



23.6776, 23.7657, 25.5296



21.6137, 23.7657, 24.6633

Square

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



23.6776, 23.7657, 25.5296



22.4670, 23.7657, 22.9266



21.5335, 23.7657, 26.2271



22.7106, 23.7657, 29.0699

Rectangle

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



23.6776, 23.7657, 25.5296



23.1896, 23.7657, 23.3854



21.5335, 23.7657, 26.2271



21.9980, 23.7657, 28.5392

Sweetspot

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



23.6783, 23.7667, 25.5301



45.1132, 46.6858, 50.6165



24.0594, 23.8796, 29.3279



10.2542, 10.5670, 11.4430



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.



23.6783, 23.7667, 25.5301



41.5190, 41.2181, 44.1131



24.0891, 24.8071, 24.9926



5.4433, 5.4378, 5.8322



10.1655, 5.2232, 1.2570



0.1027, 0.0522, 0.0412

Inverse Universe

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



23.6783, 23.7667, 25.5301



41.5190, 41.2181, 44.1131



23.5514, 25.2745, 29.6240



5.4433, 5.4378, 5.8322



10.1655, 5.2232, 1.2570



0.1027, 0.0522, 0.0412

Previews

White Background



This preview shows how the XYZ color 23.6776, 23.7657, 25.5296 looks on a white background.

Color Contrast Check

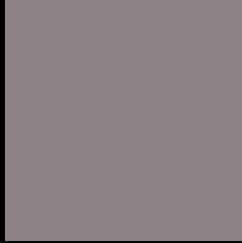
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6776, 23.7657, 25.5296 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 23.6776, 23.7657, 25.5296

Background



This preview shows how black text looks on a background with the XYZ color 23.6776, 23.7657, 25.5296.



This preview shows how white text looks on a background with the XYZ color 23.6776, 23.7657,

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

23.6776, 23.7657, 25.5296

Protanopia

22.8439, 23.7305, 25.9307

Deuteranopia

24.2489, 23.8618, 25.5180



Tritanopia

24.2179, 23.7880, 28.1261

Trichromacy



Original Color

23.6776, 23.7657, 25.5296

Protanomaly

23.2018, 23.7127, 25.9084

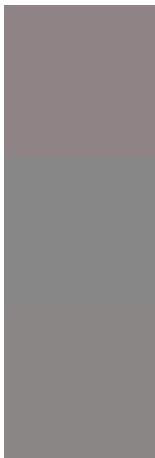
Deuteranomaly

24.0703, 23.7697, 25.5097

Tritanomaly

23.9996, 23.7007, 26.9767

Monochromacy



Original Color

23.6776, 23.7657, 25.5296

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.3094, 24.1747, 25.9919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6776, 23.7657, 25.5296 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(143, 131, 133)` looks like.

```
.text, #text, p{  
    color:rgb(143, 131, 133)  
}
```

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(143, 131, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 131, 133) }
```

Border

The CSS property to change the border of an element to XYZ 23.6776, 23.7657, 25.5296 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(143, 131, 133) }
```


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

```
.border{ border-color:rgb(143, 131, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 131, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 131, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 131, 133);  
box-shadow:4px 4px 4px 4px rgb(143, 131,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6776, 23.7657, 25.5296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 131, 133) }
```

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

```
.background{ background-color: rgb(143,  
131, 133) }
```

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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