

Converting Colors

XYZ(24.7355, 23.8396, 24.0736)

Have a look what the booklet for
XYZ(24.7355, 23.8396, 24.0736)
contains.

XYZ(24.6305, 23.6987, 24.0450)	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(24.6305, 23.6987,
24.0450)**

Conversions

Conversions Part 1

Format	Color
Hex	988081
RGB	152, 128, 129
RGB Percent	60%, 50%, 51%
CMY	0.4039, 0.4980, 0.4941
CMYK	0.00, 0.16, 0.15, 0.40
HSL	358°, 10%, 55%
HSV	358°, 16%, 60%
XYZ	24.6305, 23.6987, 24.0450
YIQ	135.2900, 13.9830, 5.3990

Conversions

Conversions Part 2

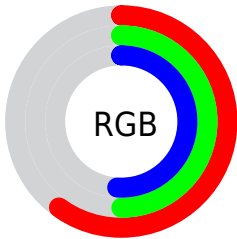
Format	Color
RYB	152, 128, 129
Decimal	9994369
CIELab	55.78, 9.36, 2.88
CIELCh	56, 9.788, 17.102
Yxy	23.6987, 0.3403, 0.3274
Android (android.graphics.Color)	4288184449 (0xFF988081)
YUV	135.2900, -3.1010, 14.6547
Hunter-Lab	48.6813, 5.1205, 4.7920

Details

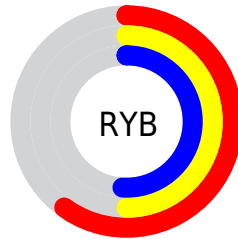
The XYZ color **24.6305, 23.6987, 24.0450** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.7172, 29.2806, 33.5759**, and the grayscale version is **23.1449, 24.3502, 26.5174**.

A 20% lighter version of the original color is **50.6995, 49.6905, 51.1751**, and **9.6108, 8.9379, 8.8081** is the 20% darker color. If you saturate the color by 10%, you get **21.8942, 19.6667, 18.6911**, and if you desaturate by 10%, it is **27.8032, 28.3821, 30.2262**.

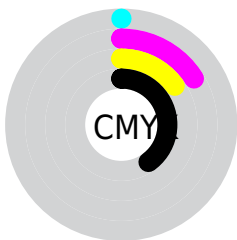
Distribution



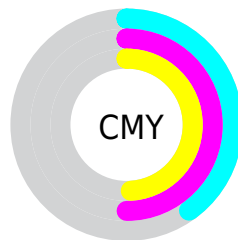
- Red (60%)
- Green (50%)
- Blue (51%)



- Red (60%)
- Yellow (50%)
- Blue (51%)



- Cyan (0%)
- Magenta (16%)
- Yellow (15%)
- Black (40%)



- Cyan (40%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6305, 23.6987, 24.0450 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 24.6305, 23.6987, 24.0450 by changing the saturation by 10% instead.

■ 24.6305, 23.6987,
24.0450

■ 24.6305, 23.6987,
24.0450

268.3745,
271.2936, 286.3418

■ 15.9292, 15.1103,
15.1545

■ 50.5044, 49.5381,
51.0484

■ 9.5646, 8.8968,
8.7801

■ 68.4077, 67.5578,
69.9983

■ 5.1713, 4.6739,
4.5032

■ 90.1091, 89.4901,
93.1385

■ 2.3839, 2.0572,
1.9052

115.9739,
115.7193, 120.8875

■ 0.8371, 0.6404,
0.4961

146.3675,
146.6299, 153.6637

■ 0.0000, 0.0000,
0.0000

181.6552,

182.6062, 191.8858

222.2024,
224.0327, 235.9723

■ 24.6305, 23.6987,
24.0450

■ 24.6305, 23.6987,
24.0450

■ 21.8942, 19.6667,
18.6911

■ 27.8032, 28.3821,
30.2262

■ 19.5734, 16.2543,
14.1279

■ 31.4283, 33.7405,
37.2661

■ 17.6483, 13.4317,
10.3184

■ 35.5230, 39.8005,
45.1962

■ 16.0969, 11.1654,
7.2222

■ 40.1035, 46.5860,
54.0463

■ 14.8948, 9.4188,
4.7948

■ 45.1849, 54.1199,
63.8444

■ 14.0151, 8.1506,
2.9868

■ 50.7817, 62.4242,
74.6175

■ 13.4265, 7.3135,
1.7422

■ 56.9079, 71.5198,
86.3917

■ 13.0877, 6.8421,
0.9934

■ 63.5770, 81.4270,
99.1917

■ 12.9836, 6.6893,
0.7882

■ 66.7590, 85.4155,
107.5760

Harmonies

Analogous

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



24.6736, 23.6987, 27.1947



24.6305, 23.6987, 24.0450



24.0116, 23.6987, 21.5737

Triad

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



24.6305, 23.6987, 24.0450



20.9949, 23.6987, 21.8568



22.0511, 23.6987, 32.2435

Complementary

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



24.6305, 23.6987, 24.0450



25.7172, 29.2806, 33.5759

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.



21.1009, 23.6987, 30.5537



24.6305, 23.6987, 24.0450



20.5047, 23.6987, 24.4613

Square

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



24.6305, 23.6987, 24.0450



21.9021, 23.6987, 20.3835



20.5429, 23.6987, 27.6465



23.1594, 23.6987, 32.1089

Rectangle

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



24.6305, 23.6987, 24.0450



23.3670, 23.6987, 20.5649



20.5429, 23.6987, 27.6465



21.7033, 23.6987, 31.8646

Sweetspot

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



24.6312, 23.6998, 24.0455



49.4907, 50.7107, 54.1600



26.1127, 24.2666, 33.0136



11.1601, 11.3952, 12.1378



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.6312, 23.6998, 24.0455



41.6590, 39.1529, 38.8923



26.0495, 26.6421, 24.1928



6.2187, 6.2266, 6.5317



10.8893, 5.6100, 0.6763



0.1652, 0.0848, 0.0229

Inverse Universe

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



24.6312, 23.6998, 24.0455



41.6590, 39.1529, 38.8923



24.1249, 25.9659, 33.4464



6.2187, 6.2266, 6.5317



10.8893, 5.6100, 0.6763



0.1652, 0.0848, 0.0229

Previews

White Background



This preview shows how the XYZ color 24.6305, 23.6987, 24.0450 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 24.6305, 23.6987, 24.0450 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 24.6305, 23.6987, 24.0450

Background



This preview shows how black text looks on a background with the XYZ color 24.6305, 23.6987, 24.0450.



This preview shows how white text looks on a background with the XYZ color 24.6305, 23.6987,

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

24.6305, 23.6987, 24.0450

Protanopia

22.8689, 23.7594, 25.2105

Deuteranopia

24.2071, 23.6751, 24.0628



Tritanopia

25.2416, 23.7572, 26.9221

Trichromacy



Original Color

24.6305, 23.6987, 24.0450

Protanomaly

23.3684, 23.6221, 24.8006

Deuteranomaly

24.3904, 23.7695, 24.0713

Tritanomaly

25.0293, 23.6723, 25.8043

Monochromacy



Original Color

24.6305, 23.6987, 24.0450

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.4694, 23.8587, 25.5585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6305, 23.6987, 24.0450 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(152, 128, 129) looks like.

```
.text, #text, p{  
    color:rgb(152, 128, 129)  
}
```

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(152, 128, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 128, 129) }
```

Border

The CSS property to change the border of an element to XYZ 24.6305, 23.6987, 24.0450 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(152, 128, 129) }
```


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

```
.border{ border-color:rgb(152, 128, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 128, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 128, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 128, 129);  
box-shadow:4px 4px 4px 4px rgb(152, 128,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6305, 23.6987, 24.0450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 128, 129) }
```

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

```
.background{ background-color: rgb(152,  
128, 129) }
```

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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