

Converting Colors

XYZ(23.0605, 23.7629, 25.0416)

Have a look what the booklet for
XYZ(23.0605, 23.7629, 25.0416)
contains.

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Color

**XYZ(23.1998, 23.9300,
25.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8584
RGB	139, 133, 132
RGB Percent	55%, 52%, 52%
CMY	0.4549, 0.4784, 0.4823
CMYK	0.00, 0.04, 0.05, 0.45
HSL	9°, 3%, 53%
HSV	9°, 5%, 55%
XYZ	23.1998, 23.9300, 25.2260
YIQ	134.6800, 3.8970, 0.9610

Conversions

Conversions Part 2

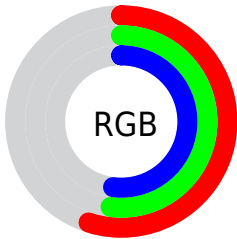
Format	Color
RYB	139, 133, 132
Decimal	9143684
CIELab	56.02, 2.06, 1.33
CIELCh	56, 2.450, 32.935
Yxy	23.9300, 0.3206, 0.3307
Android (android.graphics.Color)	4287333764 (0xFF8B8584)
YUV	134.6800, -1.3212, 3.7886
Hunter-Lab	48.9183, -0.9523, 3.6684

Details

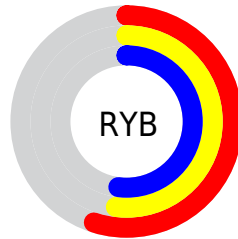
The XYZ color **23.1998, 23.9300, 25.2260** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.2642, 24.9460, 28.0151**, and the grayscale version is **22.9149, 24.1083, 26.2539**.

A 20% lighter version of the original color is **48.0541, 49.8271, 52.9838**, and **8.8515, 9.0890, 9.4714** is the 20% darker color. If you saturate the color by 10%, you get **20.7725, 20.4973, 20.0326**, and if you desaturate by 10%, it is **25.9401, 27.7853, 31.1497**.

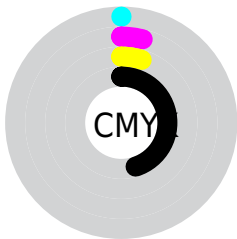
Distribution



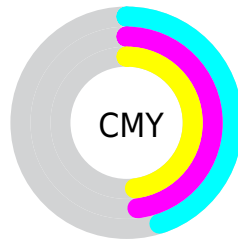
- Red (55%)
- Green (52%)
- Blue (52%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (45%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1998, 23.9300, 25.2260 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 23.1998, 23.9300, 25.2260 by changing the saturation by 10% instead.

■ 23.1998, 23.9300,
25.2260

■ 23.1998, 23.9300,
25.2260

261.2658,
272.4664, 292.4452

■ 14.8626, 15.2817,
16.0250

■ 48.1854, 49.9159,
52.9923

■ 8.8087, 9.0173,
9.3873

■ 65.5646, 68.0224,
72.3946

■ 4.6727, 4.7525,
4.8944

■ 86.6885, 90.0503,
96.0344

■ 2.0893, 2.1028,
2.1278

111.9224,
116.3842, 124.3303

■ 0.6834, 0.6662,
0.6322

141.6317,
147.4083, 157.7008

■ 0.0000, 0.0000,
0.0000

176.1818,

183.5071, 196.5644

215.9381,
225.0650, 241.3397

■ 23.1998, 23.9300,
25.2260

■ 23.1998, 23.9300,
25.2260

■ 20.7725, 20.4973,
20.0326

■ 25.9401, 27.7853,
31.1497

■ 18.6450, 17.4696,
15.5396

■ 29.0020, 32.0736,
37.8288

■ 16.8062, 14.8331,
11.7174

■ 32.3961, 36.8089,
45.2891

■ 15.2436, 12.5716,
8.5339

■ 36.1321, 42.0036,
53.5550

■ 13.9437, 10.6681,
5.9541

■ 40.2192, 47.6697,
62.6493

■ 12.8918, 9.1041,
3.9395

■ 44.6663, 53.8187,
72.5945

■ 12.0718, 7.8593,
2.4477

■ 49.4819, 60.4618,
83.4118

■ 11.4657, 6.9117,
1.4296

■ 54.6743, 67.6096,
95.1217

■ 11.0509, 6.2352,
0.8192

■ 59.9112, 75.1364,
105.9529

Harmonies

Analogous

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



23.2869, 23.9300, 25.9768



23.1998, 23.9300, 25.2260



22.9907, 23.9300, 24.7061

Triad

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



23.1998, 23.9300, 25.2260



22.2685, 23.9300, 25.3601



22.7723, 23.9300, 27.6268

Complementary

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



23.1998, 23.9300, 25.2260



23.2642, 24.9460, 28.0151

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.



22.5006, 23.9300, 27.4536



23.1998, 23.9300, 25.2260



22.2111, 23.9300, 26.1348

Square

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



23.1998, 23.9300, 25.2260



22.4532, 23.9300, 24.7824



22.2957, 23.9300, 26.9034



23.0388, 23.9300, 27.3719

Rectangle

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



23.1998, 23.9300, 25.2260



22.8111, 23.9300, 24.5546



22.2957, 23.9300, 26.9034



22.6786, 23.9300, 27.6167

Sweetspot

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



23.2005, 23.9310, 25.2265



42.9564, 44.8413, 48.2107



23.4912, 23.8287, 27.4315



9.9130, 10.3533, 11.1407



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.



23.2005, 23.9310, 25.2265



41.0449, 42.1466, 44.0948



23.6778, 24.8857, 25.3856



5.2442, 5.3789, 5.6169



9.8426, 5.4197, 0.5273



0.0718, 0.0488, 0.0056

Inverse Universe

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



23.2642, 24.9460, 28.0151



41.1829, 44.3436, 50.1316



22.7798, 23.9772, 27.8536



5.2626, 5.6724, 6.4234



10.1788, 13.6278, 24.1396



0.0754, 0.1060, 0.1629

Previews

White Background



This preview shows how the XYZ color 23.1998, 23.9300, 25.2260 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 23.1998, 23.9300, 25.2260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

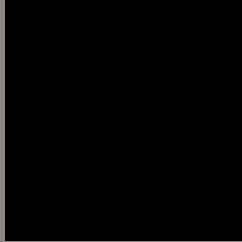
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.1998, 23.9300, 25.2260

Background



This preview shows how black text looks on a background with the XYZ color 23.1998, 23.9300, 25.2260.



This preview shows how white text looks on a background with the XYZ color 23.1998, 23.9300,

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

23.1998, 23.9300, 25.2260

Protanopia

23.0065, 24.0345, 25.2563

Deuteranopia

24.4290, 23.9546, 25.5265



Tritanopia

23.8140, 23.7610, 28.9224

Trichromacy



Original Color

23.1998, 23.9300, 25.2260

Protanomaly

23.1712, 24.1194, 25.2641

Deuteranomaly

24.0270, 23.9458, 25.5459

Tritanomaly

23.6539, 23.9130, 27.4137

Monochromacy



Original Color

23.1998, 23.9300, 25.2260

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.9815, 24.0057, 25.9766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1998, 23.9300, 25.2260 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(139, 133, 132) looks like.

```
.text, #text, p{  
    color:rgb(139, 133, 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(139, 133, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 133, 132) }
```

Border

The CSS property to change the border of an element to XYZ 23.1998, 23.9300, 25.2260 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(139, 133, 132) }
```


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

```
.border{ border-color:rgb(139, 133, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 133, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 133, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 133, 132);  
box-shadow:4px 4px 4px 4px rgb(139, 133,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1998, 23.9300, 25.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 133, 132) }
```

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

```
.background{ background-color: rgb(139,  
133, 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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