

Converting Colors

XYZ(23.1703, 24.1800, 23.2239)

Have a look what the booklet for
XYZ(23.1703, 24.1800, 23.2239)
contains.

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Color

**XYZ(23.1062, 24.1320,
23.1788)**

Conversions

Conversions Part 1

Format	Color
Hex	8C867E
RGB	140, 134, 126
RGB Percent	55%, 53%, 49%
CMY	0.4510, 0.4745, 0.5059
CMYK	0.00, 0.04, 0.10, 0.45
HSL	34°, 6%, 52%
HSV	34°, 10%, 55%
XYZ	23.1062, 24.1320, 23.1788
YIQ	134.8820, 6.1440, -1.2160

Conversions

Conversions Part 2

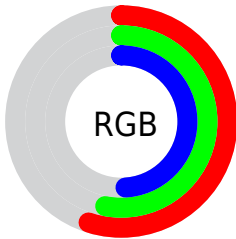
Format	Color
R_{YB}	137, 140, 126
Decimal	9209470
CIE Lab	56.22, 0.76, 5.10
CIE LCh	56, 5.155, 81.468
Yxy	24.1320, 0.3281, 0.3427
Android (android.graphics.Color)	4287399550 (0xFF8C867E)
YUV	134.8820, -4.3788, 4.4885
Hunter-Lab	49.1243, -2.0080, 6.4117

Details

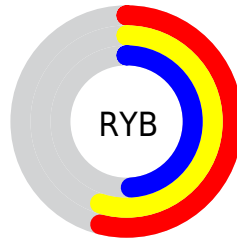
The XYZ color **23.1062, 24.1320, 23.1788** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.5890, 22.8312, 28.0802**, and the grayscale version is **23.0000, 24.1978, 26.3514**.

A 20% lighter version of the original color is **48.1551, 50.2647, 49.8118**, and **8.7263, 9.0501, 8.3081** is the 20% darker color. If you saturate the color by 10%, you get **21.4600, 22.1854, 18.4807**, and if you desaturate by 10%, it is **24.9272, 26.2254, 28.5596**.

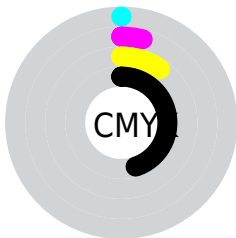
Distribution



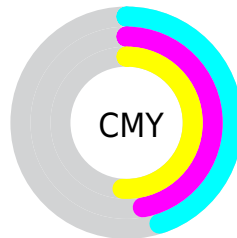
- Red (55%)
- Green (53%)
- Blue (49%)



- Red (54%)
- Yellow (55%)
- Blue (49%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (45%)



- Cyan (45%)
- Magenta (47%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1062, 24.1320, 23.1788 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 23.1062, 24.1320, 23.1788 by changing the saturation by 10% instead.

■ 23.1062, 24.1320,
23.1788

■ 23.1062, 24.1320,
23.1788

260.7951,
273.4871, 281.7936

■ 14.7931, 15.4316,
14.5190

■ 48.0330, 50.2455,
49.6137

■ 8.7597, 9.1228,
8.3397

■ 65.3774, 68.4274,
68.2259

■ 4.6406, 4.8214,
4.2222

■ 86.4630, 90.5385,
90.9926

■ 2.0705, 2.1428,
1.7480

111.6550,
116.9634, 118.3324

■ 0.6731, 0.6886,
0.3933

141.3189,
148.0862, 150.6639

■ 0.0000, 0.0000,
0.0000

175.8200,

184.2916, 188.4056

215.5236,
225.9637, 231.9760

■ 23.1062, 24.1320,
23.1788

■ 23.1062, 24.1320,
23.1788

■ 21.4600, 22.1854,
18.4807

■ 24.9272, 26.2254,
28.5596

■ 19.9806, 20.3786,
14.4359

■ 26.9267, 28.4658,
34.6476

■ 18.6623, 18.7091,
11.0153

■ 29.1108, 30.8577,
41.4682

■ 17.4983, 17.1727,
8.1869

■ 31.4845, 33.4041,
49.0449

■ 16.4812, 15.7651,
5.9158

■ 34.0529, 36.1084,
57.4002

■ 15.6028, 14.4818,
4.1635

■ 36.8207, 38.9733,
66.5556

■ 14.8540, 13.3176,
2.8863

■ 39.7923, 42.0019,
76.5320

■ 14.2244, 12.2668,
2.0335

■ 42.9723, 45.1970,
87.3491

■ 13.6860, 11.3169,
1.4631

■ 46.3650, 48.5613,
99.0264

Harmonies

Analogous

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



23.6539, 24.1320, 23.8047



23.1062, 24.1320, 23.1788



22.5222, 24.1320, 23.3543

Triad

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



23.1062, 24.1320, 23.1788



21.8926, 24.1320, 27.4881



23.8397, 24.1320, 28.3614

Complementary

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



23.1062, 24.1320, 23.1788



21.5890, 22.8312, 28.0802

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.



23.3563, 24.1320, 29.4310



23.1062, 24.1320, 23.1788



22.2342, 24.1320, 28.9119

Square

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



23.1062, 24.1320, 23.1788



21.8283, 24.1320, 25.7945



22.7681, 24.1320, 29.6367



24.0821, 24.1320, 26.7627

Rectangle

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



23.1062, 24.1320, 23.1788



22.1904, 24.1320, 23.9055



22.7681, 24.1320, 29.6367



23.6996, 24.1320, 28.7975

Sweetspot

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



23.1069, 24.1331, 23.1793



42.9312, 45.0787, 47.3150



22.4458, 22.1653, 24.9493



9.8358, 10.3224, 10.7344



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.



23.1069, 24.1331, 23.1793



40.0576, 41.7516, 38.8961



23.8028, 25.7575, 23.4562



5.2546, 5.4920, 5.3355



12.1803, 10.0951, 1.3066



0.0955, 0.0962, 0.0135

Inverse Universe

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



21.5890, 22.8312, 28.0802



36.8274, 38.9811, 49.3261



20.9373, 21.3224, 27.8233



4.9393, 5.2216, 6.3534



5.6594, 4.5892, 22.6332



0.0517, 0.0586, 0.1550

Previews

White Background



This preview shows how the XYZ color 23.1062, 24.1320, 23.1788 looks on a white background.

Color Contrast Check

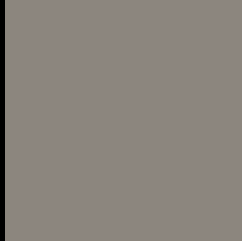
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1062, 24.1320, 23.1788 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

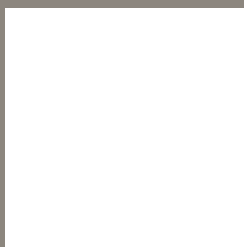
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1062, 24.1320, 23.1788

Background



This preview shows how black text looks on a background with the XYZ color 23.1062, 24.1320, 23.1788.



This preview shows how white text looks on a background with the XYZ color 23.1062, 24.1320,

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

23.1062, 24.1320, 23.1788

Protanopia

22.9385, 24.0455, 23.1709

Deuteranopia

24.5759, 24.0769, 23.4307



Tritanopia

24.2891, 24.2063, 28.9833

Trichromacy



Original Color

23.1062, 24.1320, 23.1788

Protanomaly

22.9385, 24.0455, 23.1709

Deuteranomaly

23.9797, 23.9679, 23.4411

Tritanomaly

23.8160, 24.2154, 26.7113

Monochromacy



Original Color

23.1062, 24.1320, 23.1788

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.1454, 24.3123, 25.3026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1062, 24.1320, 23.1788 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, 134, 126) looks like.

```
.text, #text, p{  
    color:rgb(140, 134, 126)  
}
```

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, 134, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 134, 126) }
```

Border

The CSS property to change the border of an element to XYZ 23.1062, 24.1320, 23.1788 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, 134, 126) }
```


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

```
.border{ border-color:rgb(140, 134, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 134, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 134, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 134, 126);  
box-shadow:4px 4px 4px 4px rgb(140, 134,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1062, 24.1320, 23.1788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 134, 126) }
```

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

```
.background{ background-color: rgb(140,  
134, 126) }
```

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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