

Converting Colors

XYZ(23.1096, 20.8149, 25.9942)

Have a look what the booklet for
XYZ(23.1096, 20.8149, 25.9942)
contains.

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Color

**XYZ(23.1996, 20.8897,
26.1019)**

Conversions

Conversions Part 1

Format	Color
Hex	957588
RGB	149, 117, 136
RGB Percent	58%, 46%, 53%
CMY	0.4157, 0.5412, 0.4667
CMYK	0.00, 0.21, 0.09, 0.42
HSL	324°, 13%, 52%
HSV	324°, 21%, 58%
XYZ	23.1996, 20.8897, 26.1019
YIQ	128.7340, 12.9730, 12.6930

Conversions

Conversions Part 2

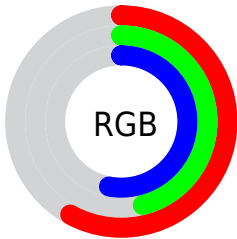
Format	Color
R_{YB}	149, 117, 136
Decimal	9794952
CIE Lab	52.83, 15.80, -5.57
CIE LCh	53, 16.755, 340.577
Yxy	20.8897, 0.3305, 0.2976
Android (android.graphics.Color)	4287985032 (0xFF957588)
YUV	128.7340, 3.5821, 17.7733
Hunter-Lab	45.7053, 10.6209, -1.8664

Details

The XYZ color **23.1996, 20.8897, 26.1019** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.1136, 26.8890, 25.1449**, and the grayscale version is **20.7584, 21.8395, 23.7832**.

A 20% lighter version of the original color is **48.0019, 44.7466, 54.2511**, and **8.7838, 7.4028, 9.7700** is the 20% darker color. If you saturate the color by 10%, you get **21.1818, 17.5230, 23.3664**, and if you desaturate by 10%, it is **25.5193, 24.8207, 29.0584**.

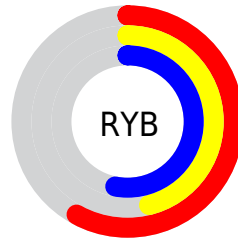
Distribution



Red (58%)

Green (46%)

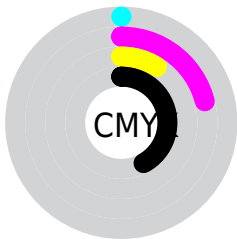
Blue (53%)



Red (58%)

Yellow (46%)

Blue (53%)

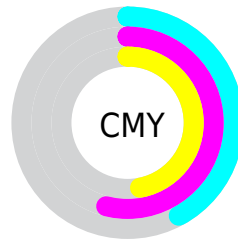


Cyan (0%)

Magenta (21%)

Yellow (9%)

Black (42%)



Cyan (42%)

Magenta (54%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1996, 20.8897, 26.1019 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 23.1996, 20.8897, 26.1019 by changing the saturation by 10% instead.

■ 23.1996, 20.8897,
26.1019

■ 23.1996, 20.8897,
26.1019

261.2648,
256.6917, 296.9033

■ 14.8625, 13.0434,
16.6734

■ 48.1851, 44.9039,
54.4254

■ 8.8086, 7.4584,
9.8424

■ 65.5642, 61.8406,
74.1575

■ 4.6727, 3.7504,
5.1904

■ 86.6880, 82.5762,
98.1612

■ 2.0893, 1.5350,
2.2987

111.9218,
107.4951, 126.8552

■ 0.6834, 0.3131,
0.7305

141.6311,
136.9817, 160.6578

■ 0.0000, 0.0000,
0.0000

176.1811,

171.4204, 199.9877

215.9372,
211.1956, 245.2633

■ 23.1996, 20.8897,
26.1019

■ 23.1996, 20.8897,
26.1019

■ 21.1818, 17.5230,
23.3664

■ 25.5193, 24.8207,
29.0584

■ 19.4506, 14.6915,
20.8441

■ 28.1516, 29.3376,
32.2408

■ 17.9920, 12.3679,
18.5287

■ 31.1089, 34.4645,
35.6551

■ 16.7904, 10.5210,
16.4127

■ 34.4025, 40.2232,
39.3071

■ 15.8281, 9.1165,
14.4883

■ 38.0430, 46.6344,
43.2021

■ 15.0852, 8.1153,
12.7467

■ 42.0406, 53.7179,
47.3451

■ 14.5383, 7.4714,
11.1776

■ 46.4050, 61.4926,
51.7412

■ 14.1753, 7.1019,
9.9574

■ 51.1456, 69.9768,
56.3951

■ 56.2714, 79.1879,
61.3115

Harmonies

Analogous

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



22.1246, 20.8897, 30.8757



23.1996, 20.8897, 26.1019



23.3489, 20.8897, 21.0223

Triad

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



23.1996, 20.8897, 26.1019



19.2439, 20.8897, 14.5283



17.4080, 20.8897, 29.6054

Complementary

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



23.1996, 20.8897, 26.1019



22.1136, 26.8890, 25.1449

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.



16.7283, 20.8897, 24.5600



23.1996, 20.8897, 26.1019



17.7462, 20.8897, 16.1844

Square

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



23.1996, 20.8897, 26.1019



20.9948, 20.8897, 14.8154



16.8484, 20.8897, 19.6896



18.7572, 20.8897, 33.0949

Rectangle

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



23.1996, 20.8897, 26.1019



22.8944, 20.8897, 18.1879



16.8484, 20.8897, 19.6896



17.0973, 20.8897, 28.0067

Sweetspot

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



23.2002, 20.8906, 26.1023



48.1536, 48.6467, 55.0390



20.9622, 19.6236, 31.1169



10.6120, 10.6787, 12.1255



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.2002, 20.8906, 26.1023



39.6559, 34.2416, 44.2211



22.1587, 20.4740, 20.6181



5.9366, 5.8697, 6.7722



11.9453, 5.9832, 8.4591



0.1609, 0.0791, 0.1807

Inverse Universe

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



23.2002, 20.8906, 26.1023



39.6559, 34.2416, 44.2211



23.2569, 27.3463, 31.1655



5.9366, 5.8697, 6.7722



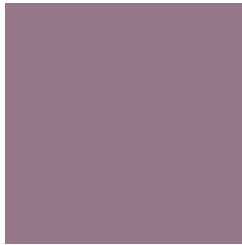
11.9453, 5.9832, 8.4591



0.1609, 0.0791, 0.1807

Previews

White Background



This preview shows how the XYZ color 23.1996, 20.8897, 26.1019 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 23.1996, 20.8897, 26.1019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

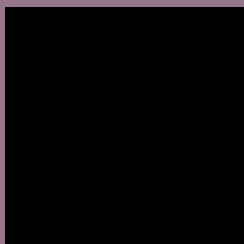
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.1996, 20.8897, 26.1019

Background



This preview shows how black text looks on a background with the XYZ color 23.1996, 20.8897, 26.1019.



This preview shows how white text looks on a background with the XYZ color 23.1996, 20.8897,

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

23.1996, 20.8897, 26.1019

Protanopia

20.4535, 20.8754, 28.1506

Deuteranopia

21.4478, 21.0661, 25.8574



Tritanopia

22.5875, 20.8113, 23.2486

Trichromacy



Original Color

23.1996, 20.8897, 26.1019

Protanomaly

21.2926, 20.7697, 27.3128

Deuteranomaly

22.0258, 20.9995, 25.8141

Tritanomaly

22.7879, 20.8915, 24.3041

Monochromacy



Original Color

23.1996, 20.8897, 26.1019

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.6518, 21.5674, 24.8515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1996, 20.8897, 26.1019 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(149, 117, 136) looks like.

```
.text, #text, p{  
    color:rgb(149, 117, 136)  
}
```

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(149, 117, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 117, 136) }
```

Border

The CSS property to change the border of an element to XYZ 23.1996, 20.8897, 26.1019 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(149, 117, 136) }
```


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

```
.border{ border-color:rgb(149, 117, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 117, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 117, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 117, 136);  
box-shadow:4px 4px 4px 4px rgb(149, 117,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1996, 20.8897, 26.1019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 117, 136) }
```

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

```
.background{ background-color: rgb(149,  
117, 136) }
```

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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