

Converting Colors

XYZ(23.9152, 20.6890, 21.1453)

Have a look what the booklet for
XYZ(23.9152, 20.6890, 21.1453)
contains.

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Color

**XYZ(23.9152, 20.6890,
21.1453)**

Conversions

Conversions Part 1

Format	Color
Hex	A0717A
RGB	160, 113, 122
RGB Percent	63%, 44%, 48%
CMY	0.3725, 0.5568, 0.5216
CMYK	0.00, 0.29, 0.24, 0.37
HSL	349°, 20%, 54%
HSV	349°, 29%, 63%
XYZ	23.9152, 20.6890, 21.1453
YIQ	128.0790, 25.1230, 12.7630

Conversions

Conversions Part 2

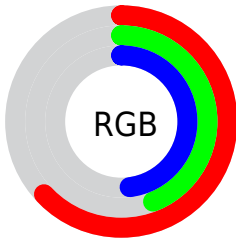
Format	Color
R _Y B	160, 113, 122
Decimal	10514810
CIE Lab	52.61, 19.94, 2.47
CIE LCh	53, 20.088, 7.061
Yxy	20.6890, 0.3637, 0.3147
Android (android.graphics.Color)	4288704890 (0xFFA0717A)
YUV	128.0790, -2.9969, 27.9947
Hunter-Lab	45.4852, 14.2527, 4.2767

Details

The XYZ color **23.9152, 20.6890, 21.1453** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.9677, 30.8872, 33.9256**, and the grayscale version is **20.5497, 21.6199, 23.5440**.

A 20% lighter version of the original color is **49.4140, 44.5652, 46.0419**, and **9.0994, 7.2736, 7.2277** is the 20% darker color. If you saturate the color by 10%, you get **21.5361, 17.1293, 16.6572**, and if you desaturate by 10%, it is **26.7169, 24.9228, 26.3012**.

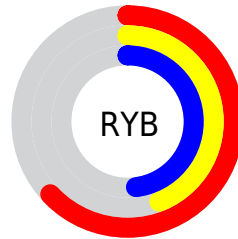
Distribution



Red (63%)

Green (44%)

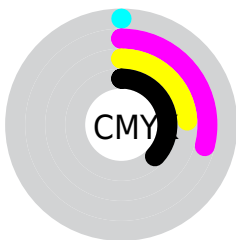
Blue (48%)



Red (63%)

Yellow (44%)

Blue (48%)

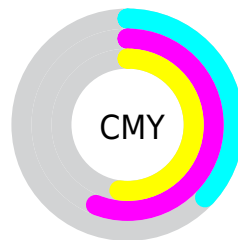


Cyan (0%)

Magenta (29%)

Yellow (24%)

Black (37%)



Cyan (37%)

Magenta (56%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9152, 20.6890, 21.1453 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 23.9152, 20.6890, 21.1453 by changing the saturation by 10% instead.

■ 23.9152, 20.6890,
21.1453

■ 23.9152, 20.6890,
21.1453

264.8399,
255.6211, 270.8560

■ 15.3951, 12.8969,
13.0380

■ 49.3475, 44.5694,
46.2132

■ 9.1853, 7.3576,
7.3237

■ 66.9904, 61.4264,
64.0108

■ 4.9203, 3.6867,
3.5838

■ 88.4049, 82.0738,
85.8756

■ 2.2349, 1.4999,
1.3999

■ 113.9565,
106.8961, 112.2261

■ 0.7610, 0.2887,
0.1417

144.0104,
136.2775, 143.4808

■ 0.0000, 0.0000,
0.0000

178.9320,

170.6026, 180.0584

219.0868,
210.2556, 222.3773

■ 23.9152, 20.6890,
21.1453

■ 23.9152, 20.6890,
21.1453

■ 21.5361, 17.1293,
16.6572

■ 26.7169, 24.9228,
26.3012

■ 19.5572, 14.2060,
12.8082

■ 29.9587, 29.8599,
32.1497

■ 17.9565, 11.8821,
9.5692

■ 33.6593, 35.5314,
38.7156

■ 16.7092, 10.1160,
6.9082

■ 37.8358, 41.9658,
46.0223

■ 15.7877, 8.8601,
4.7904

■ 42.5043, 49.1899,
54.0921

■ 15.1596, 8.0593,
3.1770

■ 47.6801, 57.2292,
62.9463

■ 14.7614, 7.5967,
2.0153

■ 53.3782, 66.1082,
72.6054

■ 14.7397, 7.5706,
1.9553

■ 59.6124, 75.8503,
83.0890

■ 65.7538, 85.1922,
94.2021

Harmonies

Analogous

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



23.5903, 20.6890, 27.3023



23.9152, 20.6890, 21.1453



23.0385, 20.6890, 16.2941

Triad

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



23.9152, 20.6890, 21.1453



17.3468, 20.6890, 14.5537



18.1434, 20.6890, 34.8346

Complementary

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



23.9152, 20.6890, 21.1453



24.9677, 30.8872, 33.9256

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.



16.6367, 20.6890, 30.1752



23.9152, 20.6890, 21.1453



16.2000, 20.6890, 18.3434

Square

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



23.9152, 20.6890, 21.1453



19.1758, 20.6890, 12.9491



15.9495, 20.6890, 23.9672



20.1610, 20.6890, 35.9434

Rectangle

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



23.9152, 20.6890, 21.1453



21.9246, 20.6890, 14.2027



15.9495, 20.6890, 23.9672



17.5649, 20.6890, 33.5962

Sweetspot

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



23.9158, 20.6900, 21.1457



54.5217, 54.4085, 58.5987



24.9394, 20.8905, 35.9757



11.7687, 11.6443, 12.5137



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.9158, 20.6900, 21.1457



40.6140, 33.3539, 33.1200



25.0808, 23.8713, 18.9097



6.6824, 6.6659, 7.1785



11.4948, 5.9025, 1.5909



0.2180, 0.1105, 0.0940

Inverse Universe

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



23.9158, 20.6900, 21.1457



40.6140, 33.3539, 33.1200



23.4195, 26.5765, 37.1533



6.6824, 6.6659, 7.1785



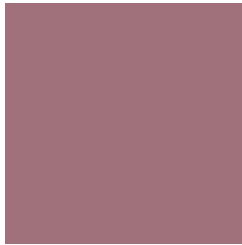
11.4948, 5.9025, 1.5909



0.2180, 0.1105, 0.0940

Previews

White Background



This preview shows how the XYZ color 23.9152, 20.6890, 21.1453 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 23.9152, 20.6890, 21.1453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

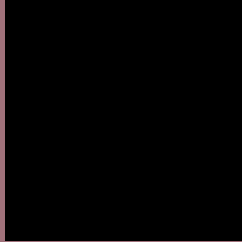
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.9152, 20.6890, 21.1453

Background



This preview shows how black text looks on a background with the XYZ color 23.9152, 20.6890, 21.1453.



This preview shows how white text looks on a background with the XYZ color 23.9152, 20.6890,

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

23.9152, 20.6890, 21.1453

Protanopia

20.0485, 20.7642, 23.7201

Deuteranopia

21.1649, 20.8506, 20.6784



Tritanopia

23.9152, 20.6890, 21.1453

Trichromacy



Original Color

23.9152, 20.6890, 21.1453

Protanomaly

21.2507, 20.6701, 22.6084

Deuteranomaly

22.0806, 20.7772, 20.9358

Tritanomaly

23.9152, 20.6890, 21.1453

Monochromacy



Original Color

23.9152, 20.6890, 21.1453

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.6641, 21.2477, 22.6981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9152, 20.6890, 21.1453 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(160, 113, 122)` looks like.

```
.text, #text, p{  
    color:rgb(160, 113, 122)  
}
```

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(160, 113, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 113, 122) }
```

Border

The CSS property to change the border of an element to XYZ 23.9152, 20.6890, 21.1453 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(160, 113, 122) }
```


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

```
.border{ border-color:rgb(160, 113, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 113, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 113, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 113, 122);  
box-shadow:4px 4px 4px 4px rgb(160, 113,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9152, 20.6890, 21.1453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 113, 122) }
```

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

```
.background{ background-color: rgb(160,  
113, 122) }
```

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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