

Converting Colors

XYZ(24.1943, 20.6179, 24.1753)

Have a look what the booklet for
XYZ(24.1943, 20.6179, 24.1753)
contains.

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Color

**XYZ(24.1890, 20.5980,
24.1736)**

Conversions

Conversions Part 1

Format	Color
Hex	9F7083
RGB	159, 112, 131
RGB Percent	62%, 44%, 51%
CMY	0.3765, 0.5608, 0.4863
CMYK	0.00, 0.30, 0.18, 0.38
HSL	336°, 20%, 53%
HSV	336°, 30%, 62%
XYZ	24.1890, 20.5980, 24.1736
YIQ	128.2190, 21.9130, 15.8730

Conversions

Conversions Part 2

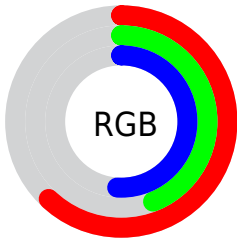
Format	Color
R_{YB}	159, 112, 131
Decimal	10449027
CIE _{Lab}	52.51, 21.57, -2.99
CIE _{LCh}	53, 21.775, 352.111
Yxy	20.5980, 0.3508, 0.2987
Android (android.graphics.Color)	4288639107 (0xFF9F7083)
YUV	128.2190, 1.3710, 26.9949
Hunter-Lab	45.3850, 15.7119, 0.1896

Details

The XYZ color **24.1890, 20.5980, 24.1736** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.8148, 30.1350, 29.3740**, and the grayscale version is **20.5844, 21.6564, 23.5838**.

A 20% lighter version of the original color is **49.6587, 44.3078, 51.2824**, and **9.3639, 7.2900, 8.8962** is the 20% darker color. If you saturate the color by 10%, you get **21.9742, 17.1492, 20.4112**, and if you desaturate by 10%, it is **26.7735, 24.6918, 28.3494**.

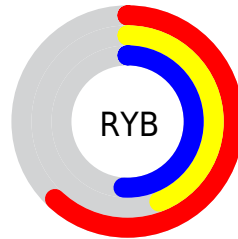
Distribution



Red (62%)

Green (44%)

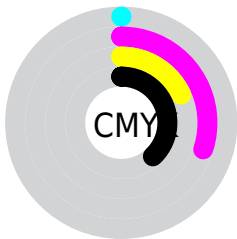
Blue (51%)



Red (62%)

Yellow (44%)

Blue (51%)

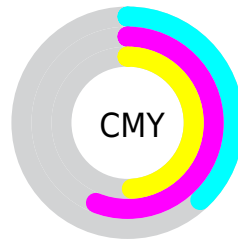


Cyan (0%)

Magenta (30%)

Yellow (18%)

Black (38%)



Cyan (38%)


Magenta (56%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1890, 20.5980, 24.1736 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 24.1890, 20.5980, 24.1736 by changing the saturation by 10% instead.

 24.1890, 20.5980,
24.1736


 24.1890, 20.5980,
24.1736


266.1974,
255.1343, 287.0117


 15.5994, 12.8305,
15.2491


 49.7909, 44.4175,
51.2607


 9.3302, 7.3119,
8.8458


 67.5338, 61.2383,
70.2604

 5.0160, 3.6579,
4.5453

 89.0586, 81.8457,
93.4555

 2.2915, 1.4841,
1.9290

 114.7306,
106.6239, 121.2646

 0.7903, 0.2775,
0.5111

144.9151,
135.9575, 154.1062

 0.0000, 0.0000,
0.0000

179.9775,

170.2309, 192.3989

220.2831,
209.8283, 236.5613

■ 24.1890, 20.5980,
24.1736

■ 24.1890, 20.5980,
24.1736

■ 21.9742, 17.1492,
20.4112

■ 26.7735, 24.6918,
28.3494

■ 20.1095, 14.3093,
17.0472

■ 29.7426, 29.4585,
32.9502

■ 18.5760, 12.0430,
14.0676

■ 33.1123, 34.9280,
37.9888

■ 17.3523, 10.3103,
11.4566

■ 36.8974, 41.1273,
43.4771

■ 16.4144, 9.0658,
9.1975

■ 41.1119, 48.0821,
49.4263

■ 15.7341, 8.2563,
7.2716

■ 45.7689, 55.8168,
55.8475

■ 15.2510, 7.7643,
5.6488

■ 50.8811, 64.3547,
62.7510

■ 15.2313, 7.7442,
5.5829

■ 56.4608, 73.7183,
70.1471

■ 62.4863, 83.8622,
78.0346

Harmonies

Analogous

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



23.1988, 20.5980, 30.9405



24.1890, 20.5980, 24.1736



23.8708, 20.5980, 18.0752

Triad

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



24.1890, 20.5980, 24.1736



17.9923, 20.5980, 12.7869



17.0365, 20.5980, 33.7106

Complementary

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



24.1890, 20.5980, 24.1736



23.8148, 30.1350, 29.3740

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.



15.8330, 20.5980, 27.4283



24.1890, 20.5980, 24.1736



16.3546, 20.5980, 15.6399

Square

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



24.1890, 20.5980, 24.1736



20.1783, 20.5980, 12.2481



15.5933, 20.5980, 20.7680



18.9893, 20.5980, 37.0949

Rectangle

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



24.1890, 20.5980, 24.1736



22.9698, 20.5980, 15.0957



15.5933, 20.5980, 20.7680



16.5373, 20.5980, 31.8164

Sweetspot

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



24.1896, 20.5989, 24.1740



53.4854, 53.1119, 59.3442



22.7702, 19.6176, 35.3876



11.8820, 11.6896, 13.1108



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.



24.1896, 20.5989, 24.1740



40.8212, 32.9837, 39.0908



23.4593, 21.0134, 18.1500



6.7386, 6.6884, 7.4747



12.0497, 6.1245, 4.5130



0.2358, 0.1176, 0.1879

Inverse Universe

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



24.1896, 20.5989, 24.1740



40.8212, 32.9837, 39.0908



24.6760, 29.4190, 37.1790



6.7386, 6.6884, 7.4747



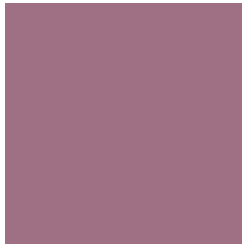
12.0497, 6.1245, 4.5130



0.2358, 0.1176, 0.1879

Previews

White Background



This preview shows how the XYZ color 24.1890, 20.5980, 24.1736 looks on a white background.

Color Contrast Check

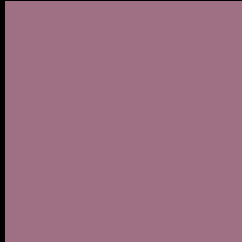
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1890, 20.5980, 24.1736 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 24.1890, 20.5980, 24.1736

Background



This preview shows how black text looks on a background with the XYZ color 24.1890, 20.5980, 24.1736.



This preview shows how white text looks on a background with the XYZ color 24.1890, 20.5980,

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

24.1890, 20.5980, 24.1736

Protanopia

20.3060, 20.8164, 27.3738

Deuteranopia

21.0753, 20.7383, 23.6610



Tritanopia

23.6307, 20.7089, 21.1641

Trichromacy



Original Color

24.1890, 20.5980, 24.1736

Protanomaly

21.4769, 20.5289, 26.1231

Deuteranomaly

22.0093, 20.4979, 23.9156

Tritanomaly

23.7073, 20.5600, 22.1210

Monochromacy



Original Color

24.1890, 20.5980, 24.1736

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.5694, 20.9930, 23.6841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1890, 20.5980, 24.1736 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(159, 112, 131)` looks like.

```
.text, #text, p{  
    color:rgb(159, 112, 131)  
}
```

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(159, 112, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 112, 131) }
```

Border

The CSS property to change the border of an element to XYZ 24.1890, 20.5980, 24.1736 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(159, 112, 131) }
```


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

```
.border{ border-color:rgb(159, 112, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 112, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 112, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 112, 131);  
box-shadow:4px 4px 4px 4px rgb(159, 112,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1890, 20.5980, 24.1736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 112, 131) }
```

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

```
.background{ background-color: rgb(159,  
112, 131) }
```

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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