

Converting Colors

XYZ(24.3982, 20.2783, 30.8768)

Have a look what the booklet for
XYZ(24.3982, 20.2783, 30.8768)
contains.

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Color

**XYZ(24.3272, 20.1918,
31.0490)**

Conversions

Conversions Part 1

Format	Color
Hex	9A6E95
RGB	154, 110, 149
RGB Percent	60%, 43%, 58%
CMY	0.3961, 0.5686, 0.4157
CMYK	0.00, 0.29, 0.03, 0.40
HSL	307°, 18%, 52%
HSV	307°, 29%, 60%
XYZ	24.3272, 20.1918, 31.0490
YIQ	127.6020, 13.7050, 21.4570

Conversions

Conversions Part 2

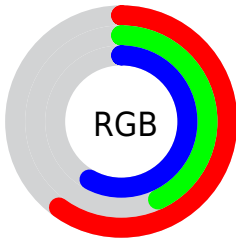
Format	Color
R_{YB}	154, 110, 149
Decimal	10120853
CIE _{Lab}	52.05, 24.13, -14.31
CIE _{LCh}	52, 28.049, 329.329
Yxy	20.1918, 0.3219, 0.2672
Android (android.graphics.Color)	4288310933 (0xFF9A6E95)
YUV	127.6020, 10.5492, 23.1510
Hunter-Lab	44.9353, 18.0001, -9.5130

Details

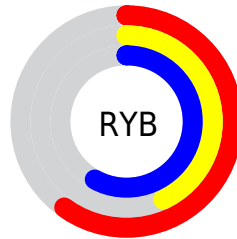
The XYZ color **24.3272, 20.1918, 31.0490** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.0814, 27.6647, 20.4496**, and the grayscale version is **20.3420, 21.4014, 23.3061**.

A 20% lighter version of the original color is **49.9943, 43.7078, 62.3014**, and **9.4067, 7.1519, 12.4399** is the 20% darker color. If you saturate the color by 10%, you get **22.6694, 17.0977, 29.8123**, and if you desaturate by 10%, it is **26.2772, 23.8660, 32.3939**.

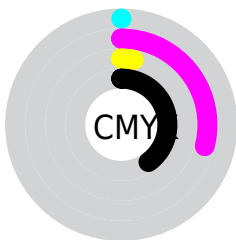
Distribution



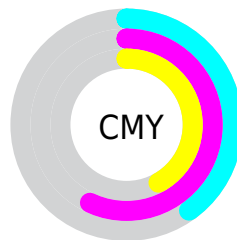
- Red (60%)
- Green (43%)
- Blue (58%)



- Red (60%)
- Yellow (43%)
- Blue (58%)



- Cyan (0%)
- Magenta (29%)
- Yellow (3%)
- Black (40%)





- Cyan (40%)
- Magenta (57%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.3272, 20.1918, 31.0490 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 24.3272, 20.1918, 31.0490 by changing the saturation by 10% instead.

 24.3272, 20.1918,
31.0490


 24.3272, 20.1918,
31.0490


266.8804,
252.9516, 321.1222


 15.7026, 12.5345,
20.3774


 50.0144, 43.7385,
62.3977


 9.4034, 7.1088,
12.4829


 67.8077, 60.3968,
83.9118

 5.0645, 3.5303,
6.9469


 89.3879, 80.8241,
109.8773

 2.3203, 1.4144,
3.3510

 115.1204,
105.4050, 140.7125

 0.8050, 0.2273,
1.2765

145.3706,
134.5238, 176.8360

 0.0000, 0.0000,
0.0424

180.5037,

 0.0000, 0.0000,

168.5649, 218.6665

0.0000

220.8852,
207.9127, 266.6224

■ 24.3272, 20.1918,
31.0490

■ 24.3272, 20.1918,
31.0490

■ 22.6694, 17.0977,
29.8123

■ 26.2772, 23.8660,
32.3939

■ 21.2868, 14.5513,
28.6775

■ 28.5312, 28.1455,
33.8503

■ 20.1639, 12.5207,
27.6394

■ 31.1031, 33.0570,
35.4231

■ 19.2826, 10.9701,
26.6922

■ 34.0048, 38.6250,
37.1164

■ 18.6226, 9.8588,
25.8289

■ 37.2481, 44.8726,
38.9341

■ 18.1602, 9.1395,
25.0416

■ 40.8438, 51.8218,
40.8798

■ 17.8479, 8.7169,
24.3144

■ 44.8026, 59.4936,
42.9572

■ 17.8061, 8.6619,
24.2122

■ 49.1346, 67.9082,
45.1696

■ 53.8493, 77.0849,
47.5203

Harmonies

Analogous

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



22.0167, 20.1918, 38.7956



24.3272, 20.1918, 31.0490



25.2400, 20.1918, 22.1705

Triad

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



24.3272, 20.1918, 31.0490



19.2562, 20.1918, 9.6877



14.7809, 20.1918, 30.6484

Complementary

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



24.3272, 20.1918, 31.0490



21.0814, 27.6647, 20.4496

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.



14.1962, 20.1918, 21.8014



24.3272, 20.1918, 31.0490



16.6193, 20.1918, 10.9051

Square

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



24.3272, 20.1918, 31.0490



22.1393, 20.1918, 11.0211



14.8351, 20.1918, 14.8834



16.5181, 20.1918, 38.5268

Rectangle

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



24.3272, 20.1918, 31.0490



24.8697, 20.1918, 17.1685



14.8351, 20.1918, 14.8834



14.4512, 20.1918, 27.6283

Sweetspot

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



24.3278, 20.1927, 31.0494



51.5621, 50.6205, 61.3233



18.4011, 17.0902, 32.9013



11.5373, 11.2036, 13.7958



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.3278, 20.1927, 31.0494



42.2903, 33.1233, 55.0067



22.7731, 19.5708, 22.8624



6.4310, 6.3116, 7.6496



14.5151, 7.0603, 19.7695



0.2245, 0.1085, 0.3349

Inverse Universe

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



24.3278, 20.1927, 31.0494



42.2903, 33.1233, 55.0067



22.4592, 28.2158, 27.7051



6.4310, 6.3116, 7.6496



14.5151, 7.0603, 19.7695



0.2245, 0.1085, 0.3349

Previews

White Background



This preview shows how the XYZ color 24.3272, 20.1918, 31.0490 looks on a white background.

Color Contrast Check

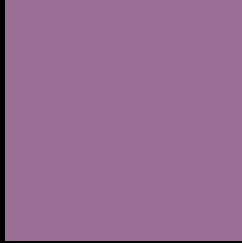
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3272, 20.1918, 31.0490 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 24.3272, 20.1918, 31.0490

Background



This preview shows how black text looks on a background with the XYZ color 24.3272, 20.1918, 31.0490.



This preview shows how white text looks on a background with the XYZ color 24.3272, 20.1918,

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

24.3272, 20.1918, 31.0490

Protanopia

20.4570, 20.3475, 35.1970

Deuteranopia

20.7080, 20.2169, 30.4146



Tritanopia

22.5313, 20.2960, 21.7988

Trichromacy



Original Color

24.3272, 20.1918, 31.0490

Protanomaly

21.6007, 20.0693, 33.7456

Deuteranomaly

21.8599, 20.0949, 30.7435

Tritanomaly

23.0877, 20.1791, 24.8684

Monochromacy



Original Color

24.3272, 20.1918, 31.0490

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.5978, 20.7707, 26.1634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3272, 20.1918, 31.0490 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(154, 110, 149)` looks like.

```
.text, #text, p{  
    color:rgb(154, 110, 149)  
}
```

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(154, 110, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 110, 149) }
```

Border

The CSS property to change the border of an element to XYZ 24.3272, 20.1918, 31.0490 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(154, 110, 149) }
```


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

```
.border{ border-color:rgb(154, 110, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 110, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 110, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 110, 149);  
box-shadow:4px 4px 4px 4px rgb(154, 110,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3272, 20.1918, 31.0490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 110, 149) }
```

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

```
.background{ background-color: rgb(154,  
110, 149) }
```

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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