

Converting Colors

XYZ(24.1661, 23.7645, 19.1642)

Have a look what the booklet for
XYZ(24.1661, 23.7645, 19.1642)
contains.

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Color

**XYZ(24.2139, 23.7854,
19.2344)**

Conversions

Conversions Part 1

Format	Color
Hex	9A8172
RGB	154, 129, 114
RGB Percent	60%, 51%, 45%
CMY	0.3961, 0.4941, 0.5529
CMYK	0.00, 0.16, 0.26, 0.40
HSL	23°, 17%, 53%
HSV	23°, 26%, 60%
XYZ	24.2139, 23.7854, 19.2344
YIQ	134.7650, 19.7150, 0.6350

Conversions

Conversions Part 2

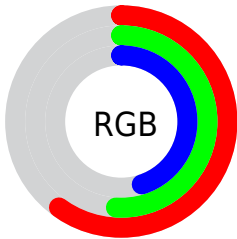
Format	Color
RYB	154, 138, 114
Decimal	10125682
CIELab	55.87, 7.17, 11.70
CIElCh	56, 13.721, 58.490
Yxy	23.7854, 0.3601, 0.3538
Android (android.graphics.Color)	4288315762 (0xFF9A8172)
YUV	134.7650, -10.2371, 16.8691
Hunter-Lab	48.7703, 3.2753, 10.7559

Details

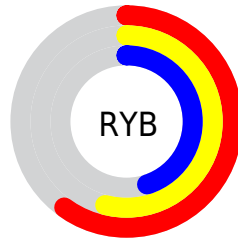
The XYZ color **24.2139, 23.7854, 19.2344** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.0045, 24.3750, 34.1170**, and the grayscale version is **22.9741, 24.1706, 26.3217**.

A 20% lighter version of the original color is **49.9054, 49.7644, 43.0516**, and **9.3315, 8.9554, 6.3910** is the 20% darker color. If you saturate the color by 10%, you get **22.2017, 21.0476, 14.5970**, and if you desaturate by 10%, it is **26.4944, 26.8233, 24.6899**.

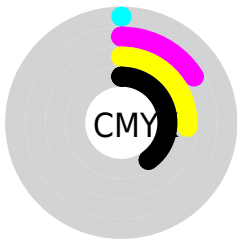
Distribution



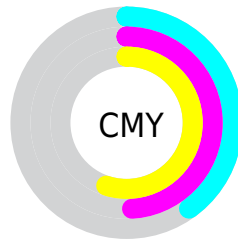
- Red (60%)
- Green (51%)
- Blue (45%)



- Red (60%)
- Yellow (54%)
- Blue (45%)



- Cyan (0%)
- Magenta (16%)
- Yellow (26%)
- Black (40%)



- Cyan (40%)
- Magenta (49%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2139, 23.7854, 19.2344 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 24.2139, 23.7854, 19.2344 by changing the saturation by 10% instead.

■ 24.2139, 23.7854,
19.2344

■ 24.2139, 23.7854,
19.2344

266.3206,
271.7337, 260.2055

■ 15.6180, 15.1745,
11.6612

■ 49.8312, 49.6798,
42.9718

■ 9.3433, 8.9420,
6.3937

■ 67.5832, 67.7321,
59.9731

■ 5.0247, 4.7033,
3.0133

■ 89.1180, 89.7002,
80.9542

■ 2.2967, 2.0743,
1.1014

■ 114.8009,
115.9687, 106.3336

■ 0.7930, 0.6501,
0.0000

144.9972,
146.9219, 136.5299

■ 0.0000, 0.0000,
0.0000

180.0724,

182.9442, 171.9616

220.3917,
224.4200, 213.0473

■ 24.2139, 23.7854,
19.2344

■ 24.2139, 23.7854,
19.2344

■ 22.2017, 21.0476,
14.5970

■ 26.4944, 26.8233,
24.6899

■ 20.4452, 18.5970,
10.7364

■ 29.0513, 30.1670,
30.9993

■ 18.9337, 16.4247,
7.6094

■ 31.8948, 33.8263,
38.1981

■ 17.6546, 14.5200,
5.1685

■ 35.0338, 37.8095,
46.3191

■ 16.5943, 12.8714,
3.3602

■ 38.4769, 42.1245,
55.3937

■ 15.7373, 11.4662,
2.1228

■ 42.2324, 46.7790,
65.4517

■ 15.0634, 10.2896,
1.3702

■ 46.3082, 51.7804,
76.5215

■ 14.8275, 9.8722,
1.1240

■ 50.7118, 57.1360,
88.6304

■ 55.4507, 62.8527,
101.8049

Harmonies

Analogous

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



25.3515, 23.7854, 22.0075



24.2139, 23.7854, 19.2344



22.6865, 23.7854, 18.2151

Triad

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



24.2139, 23.7854, 19.2344



19.7354, 23.7854, 25.6723



24.0707, 23.7854, 34.2191

Complementary

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



24.2139, 23.7854, 19.2344



22.0045, 24.3750, 34.1170

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.



22.5283, 23.7854, 35.4853



24.2139, 23.7854, 19.2344



20.0686, 23.7854, 30.2225

Square

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



24.2139, 23.7854, 19.2344



20.1418, 23.7854, 21.6572



21.0734, 23.7854, 33.9469



25.2662, 23.7854, 30.6598

Rectangle

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



24.2139, 23.7854, 19.2344



21.6680, 23.7854, 18.5662



21.0734, 23.7854, 33.9469



23.5734, 23.7854, 34.9439

Sweetspot

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



24.2145, 23.7865, 19.2349



51.7143, 53.4239, 53.6702



24.0285, 20.7787, 27.2984



11.5513, 11.8916, 11.7659



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.



24.2145, 23.7865, 19.2349



41.8639, 40.3344, 30.0051



27.0586, 29.4746, 20.1829



6.3892, 6.5834, 6.5398



12.1126, 8.1075, 0.9265



0.2142, 0.1875, 0.0249

Inverse Universe

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



22.0045, 24.3750, 34.1170



37.1689, 41.5786, 61.6028



19.4090, 19.1839, 33.2518



6.1898, 6.6369, 7.8838



8.2127, 8.8222, 26.1777



0.1575, 0.2014, 0.4029

Previews

White Background



This preview shows how the XYZ color 24.2139, 23.7854, 19.2344 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 24.2139, 23.7854, 19.2344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

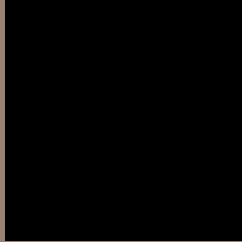
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2139, 23.7854, 19.2344

Background



This preview shows how black text looks on a background with the XYZ color 24.2139, 23.7854, 19.2344.



This preview shows how white text looks on a background with the XYZ color 24.2139, 23.7854,

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

24.2139, 23.7854, 19.2344

Protanopia

22.6620, 23.9739, 19.9560

Deuteranopia

24.2139, 23.7854, 19.2344



Tritanopia

25.8094, 23.8674, 26.5391

Trichromacy



Original Color

24.2139, 23.7854, 19.2344

Protanomaly

23.1998, 23.8513, 19.6007

Deuteranomaly

24.2139, 23.7854, 19.2344

Tritanomaly

25.1960, 23.8052, 23.6890

Monochromacy



Original Color

24.2139, 23.7854, 19.2344

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.3736, 24.0581, 23.4904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2139, 23.7854, 19.2344 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, 129, 114)` looks like.

```
.text, #text, p{  
    color:rgb(154, 129, 114)  
}
```

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, 129, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 129, 114) }
```

Border

The CSS property to change the border of an element to XYZ 24.2139, 23.7854, 19.2344 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, 129, 114) }
```


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

```
.border{ border-color:rgb(154, 129, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 129, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 129, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 129, 114);  
box-shadow:4px 4px 4px 4px rgb(154, 129,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2139, 23.7854, 19.2344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 129, 114) }
```

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

```
.background{ background-color: rgb(154,  
129, 114) }
```

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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