

Converting Colors

XYZ(24.3839, 21.0201, 25.9886)

Have a look what the booklet for
XYZ(24.3839, 21.0201, 25.9886)
contains.

XYZ(24.3659, 20.9803, 26.0579)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.3659, 20.9803,
26.0579)**

Conversions

Conversions Part 1

Format	Color
Hex	9D7288
RGB	157, 114, 136
RGB Percent	62%, 45%, 53%
CMY	0.3843, 0.5529, 0.4667
CMYK	0.00, 0.27, 0.13, 0.38
HSL	329°, 18%, 53%
HSV	329°, 27%, 62%
XYZ	24.3659, 20.9803, 26.0579
YIQ	129.3650, 18.5660, 15.9580

Conversions

Conversions Part 2

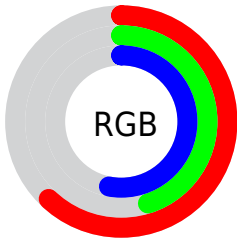
Format	Color
R _Y B	157, 114, 136
Decimal	10318472
CIE Lab	52.93, 20.52, -5.33
CIE LCh	53, 21.205, 345.441
Yxy	20.9803, 0.3412, 0.2938
Android (android.graphics.Color)	4288508552 (0xFF9D7288)
YUV	129.3650, 3.2711, 24.2359
Hunter-Lab	45.8043, 14.7969, -1.6669

Details

The XYZ color **24.3659, 20.9803, 26.0579** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.3705, 29.4413, 27.3741**, and the grayscale version is **20.9791, 22.0716, 24.0360**.

A 20% lighter version of the original color is **49.9729, 44.9436, 54.1852**, and **9.3957, 7.4557, 9.7480** is the 20% darker color. If you saturate the color by 10%, you get **22.2192, 17.5278, 22.7492**, and if you desaturate by 10%, it is **26.8568, 25.0583, 29.6742**.

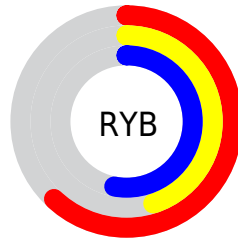
Distribution



Red (62%)

Green (45%)

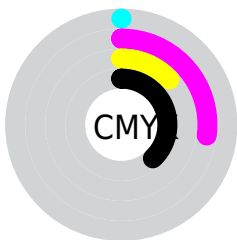
Blue (53%)



Red (62%)

Yellow (45%)

Blue (53%)

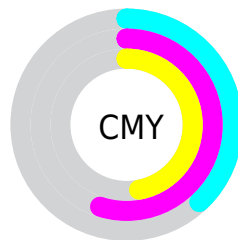


Cyan (0%)

Magenta (27%)

Yellow (13%)

Black (38%)



Cyan (38%)

Magenta (55%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3659, 20.9803, 26.0579 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 24.3659, 20.9803, 26.0579 by changing the saturation by 10% instead.

■ 24.3659, 20.9803,
26.0579

■ 24.3659, 20.9803,
26.0579

267.0714,
257.1738, 296.6807

■ 15.7315, 13.1096,
16.6408

■ 50.0770, 45.0547,
54.3536

■ 9.4240, 7.5041,
9.8195

■ 67.8843, 62.0273,
74.0692

■ 5.0781, 3.7793,
5.1754

■ 89.4801, 82.8026,
98.0548

■ 2.3284, 1.5509,
2.2900

■ 115.2295,
107.7650, 126.7289

■ 0.8091, 0.3241,
0.7256

145.4980,
137.2989, 160.5100

■ 0.0000, 0.0000,
0.0000

180.6509,

171.7887, 199.8166

221.0536,
211.6189, 245.0673

■ 24.3659, 20.9803,
26.0579

■ 24.3659, 20.9803,
26.0579

■ 22.2192, 17.5278,
22.7492

■ 26.8568, 25.0583,
29.6742

■ 20.3984, 14.6665,
19.7373

■ 29.7053, 29.7880,
33.6058

■ 18.8867, 12.3632,
17.0127

■ 32.9263, 35.1977,
37.8615

■ 17.6642, 10.5803,
14.5645

■ 36.5331, 41.3131,
42.4496

■ 16.7093, 9.2755,
12.3811

■ 40.5386, 48.1586,
47.3778

■ 15.9966, 8.3996,
10.4493

■ 44.9549, 55.7574,
52.6537

■ 15.4847, 7.8714,
8.7507

■ 49.7937, 64.1317,
58.2846

■ 15.3646, 7.7521,
8.3381

■ 55.0662, 73.3028,
64.2775

■ 60.6858, 83.0966,
70.6067

Harmonies

Analogous

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



23.1408, 20.9803, 32.5430



24.3659, 20.9803, 26.0579



24.3465, 20.9803, 19.7405

Triad

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



24.3659, 20.9803, 26.0579



18.8258, 20.9803, 12.9680



17.0928, 20.9803, 32.7117

Complementary

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



24.3659, 20.9803, 26.0579



23.3705, 29.4413, 27.3741

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.



16.1021, 20.9803, 26.2568



24.3659, 20.9803, 26.0579



17.0509, 20.9803, 15.2933

Square

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



24.3659, 20.9803, 26.0579



21.0339, 20.9803, 12.9347



16.0874, 20.9803, 19.9058



18.8869, 20.9803, 36.8414

Rectangle

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



24.3659, 20.9803, 26.0579



23.6260, 20.9803, 16.4616



16.0874, 20.9803, 19.9058



16.6608, 20.9803, 30.6937

Sweetspot

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



24.3665, 20.9813, 26.0583



52.7839, 52.6541, 59.6232



22.0608, 19.6030, 34.5197



11.4479, 11.3079, 12.8930



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.



24.3665, 20.9813, 26.0583



41.1642, 33.5827, 42.9008



23.0010, 20.4350, 18.8675



6.7676, 6.6999, 7.6271



12.4975, 6.3036, 6.8710



0.2448, 0.1212, 0.2353

Inverse Universe

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



24.3665, 20.9813, 26.0583



41.1642, 33.5827, 42.9008



25.0219, 30.1018, 36.0703



6.7676, 6.6999, 7.6271



12.4975, 6.3036, 6.8710



0.2448, 0.1212, 0.2353

Previews

White Background



This preview shows how the XYZ color 24.3659, 20.9803, 26.0579 looks on a white background.

Color Contrast Check

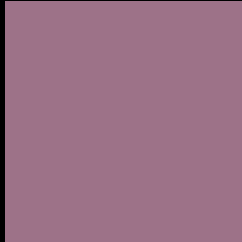
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3659, 20.9803, 26.0579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

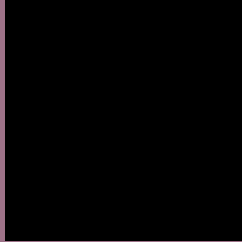
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.3659, 20.9803, 26.0579

Background



This preview shows how black text looks on a background with the XYZ color 24.3659, 20.9803, 26.0579.



This preview shows how white text looks on a background with the XYZ color 24.3659, 20.9803,

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

24.3659, 20.9803, 26.0579

Protanopia

20.7310, 21.1900, 28.9840

Deuteranopia

21.3777, 21.0380, 25.4883



Tritanopia

23.6574, 21.0394, 22.2162

Trichromacy



Original Color

24.3659, 20.9803, 26.0579

Protanomaly

21.8465, 21.0468, 27.7219

Deuteranomaly

22.4173, 21.0219, 25.7978

Tritanomaly

23.8035, 20.9144, 23.5512

Monochromacy



Original Color

24.3659, 20.9803, 26.0579

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.0200, 21.5702, 24.8327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3659, 20.9803, 26.0579 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(157, 114, 136)` looks like.

```
.text, #text, p{  
    color:rgb(157, 114, 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(157, 114, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 114, 136) }
```

Border

The CSS property to change the border of an element to XYZ 24.3659, 20.9803, 26.0579 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(157, 114, 136) }
```


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

```
.border{ border-color:rgb(157, 114, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 114, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 114, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 114, 136);  
box-shadow:4px 4px 4px 4px rgb(157, 114,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3659, 20.9803, 26.0579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 114, 136) }
```

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

```
.background{ background-color: rgb(157,  
114, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor