

Converting Colors

XYZ(26.0210, 21.6100, 19.7545)

Have a look what the booklet for
XYZ(26.0210, 21.6100, 19.7545)
contains.

XYZ(26.0183, 21.6434, 19.6359)	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(26.0183, 21.6434,
19.6359)**

Conversions

Conversions Part 1

Format	Color
Hex	AC7075
RGB	172, 112, 117
RGB Percent	67%, 44%, 46%
CMY	0.3255, 0.5608, 0.5412
CMYK	0.00, 0.35, 0.32, 0.33
HSL	355°, 27%, 56%
HSV	355°, 35%, 67%
XYZ	26.0183, 21.6434, 19.6359
YIQ	130.5100, 34.1550, 14.2750

Conversions

Conversions Part 2

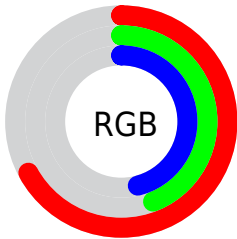
Format	Color
R_{YB}	172, 112, 117
Decimal	11300981
CIE _{Lab}	53.65, 24.45, 7.09
CIE _{LCh}	54, 25.456, 16.160
Yxy	21.6434, 0.3866, 0.3216
Android (android.graphics.Color)	4289491061 (0xFFAC7075)
YUV	130.5100, -6.6604, 36.3867
Hunter-Lab	46.5225, 18.4141, 7.5410

Details

The XYZ color **26.0183, 21.6434, 19.6359** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.4106, 35.7402, 41.9623**, and the grayscale version is **21.4138, 22.5290, 24.5341**.

A 20% lighter version of the original color is **52.7500, 46.0735, 43.6490**, and **10.3229, 7.8362, 6.5987** is the 20% darker color. If you saturate the color by 10%, you get **23.4483, 17.8641, 14.5841**, and if you desaturate by 10%, it is **29.1082, 26.2123, 25.6319**.

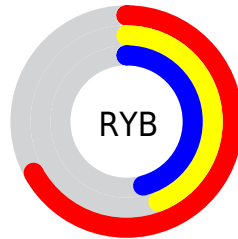
Distribution



Red (67%)

Green (44%)

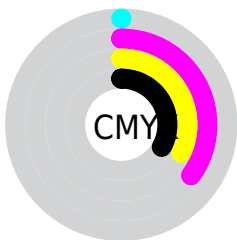
Blue (46%)



Red (67%)

Yellow (44%)

Blue (46%)

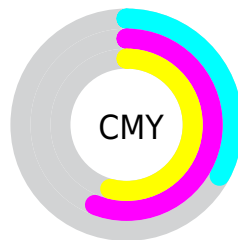


Cyan (0%)

Magenta (35%)

Yellow (32%)

Black (33%)



Cyan (33%)


Magenta (56%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0183, 21.6434, 19.6359 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 26.0183, 21.6434, 19.6359 by changing the saturation by 10% instead.


 26.0183, 21.6434,
19.6359


 26.0183, 21.6434,
19.6359


275.1270,
260.6783, 262.4759


 16.9701, 13.5951,
11.9492

 52.7356, 46.1559,
43.6568

 10.3083, 7.8396,
6.5870


 71.1353, 63.3889,
60.8281

 5.6677, 3.9925,
3.1307

 93.3830, 84.4523,
81.9980

 2.6828, 1.6694,
1.1617

 119.8438,
109.7304, 107.5851

 0.9883, 0.4037,
0.0000

150.8833,
139.6077, 138.0079

 0.0000, 0.0000,
0.0000

186.8668,

174.4685, 173.6849

228.1595,
214.6972, 215.0347

■ 26.0183, 21.6434,
19.6359

■ 26.0183, 21.6434,
19.6359

■ 23.4483, 17.8641,
14.5841

■ 29.1082, 26.2123,
25.6319

■ 21.3679, 14.8267,
10.4272

■ 32.7425, 31.6086,
32.6154

■ 19.7464, 12.4833,
7.1132


■ 36.9464, 37.8717,
40.6287

■ 18.5488, 10.7790,
4.5843

■ 41.7430, 45.0373,
49.7113

■ 17.7352, 9.6506,
2.7755


■ 47.1540, 53.1392,
59.9004


 17.2575, 9.0212,
1.6109

 53.2000, 62.2096,
71.2315

 17.0947, 8.8032,
1.2252

 59.9009, 72.2788,
83.7386

 67.2754, 83.3762,
97.4543

 70.8232, 87.5106,
107.7662

Harmonies

Analogous

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



26.0825, 21.6434, 27.3360



26.0183, 21.6434, 19.6359



24.4132, 21.6434, 14.3245

Triad

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



26.0183, 21.6434, 19.6359



17.0230, 21.6434, 14.6347



19.3448, 21.6434, 41.3193

Complementary

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



26.0183, 21.6434, 19.6359



28.4106, 35.7402, 41.9623

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.



17.1554, 21.6434, 36.1133



26.0183, 21.6434, 19.6359



15.8970, 21.6434, 20.1596

Square

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



26.0183, 21.6434, 19.6359



19.1490, 21.6434, 11.9029



15.9433, 21.6434, 27.9883



22.0626, 21.6434, 41.0913

Rectangle

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



26.0183, 21.6434, 19.6359



22.7599, 21.6434, 12.3437



15.9433, 21.6434, 27.9883



18.5279, 21.6434, 40.1047

Sweetspot

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



26.0189, 21.6444, 19.6363



62.8543, 62.4850, 65.7671



29.1775, 22.7835, 41.8895



13.4378, 13.2490, 13.8694



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.0189, 21.6444, 19.6363



43.4549, 33.7520, 28.2693



28.8842, 27.8327, 19.1806



8.0313, 8.0258, 8.4757



12.7303, 6.5547, 0.9592



0.3627, 0.1858, 0.0716

Inverse Universe

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



26.0189, 21.6444, 19.6363



43.4549, 33.7520, 28.2693



24.5631, 27.2917, 43.0029



8.0313, 8.0258, 8.4757



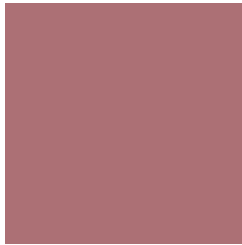
12.7303, 6.5547, 0.9592



0.3627, 0.1858, 0.0716

Previews

White Background



This preview shows how the XYZ color 26.0183, 21.6434, 19.6359 looks on a white background.

Color Contrast Check

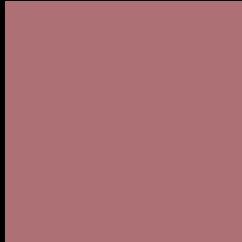
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0183, 21.6434, 19.6359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

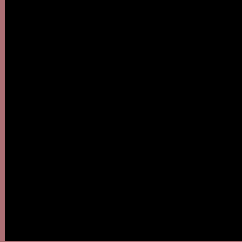
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.0183, 21.6434, 19.6359

Background



This preview shows how black text looks on a background with the XYZ color 26.0183, 21.6434, 19.6359.



This preview shows how white text looks on a background with the XYZ color 26.0183, 21.6434,

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

26.0183, 21.6434, 19.6359

Protanopia

20.8451, 21.7700, 22.8420

Deuteranopia

22.1562, 21.7641, 19.2528



Tritanopia

26.1976, 21.7151, 20.5800

Trichromacy



Original Color

26.0183, 21.6434, 19.6359

Protanomaly

22.3887, 21.4601, 21.7011

Deuteranomaly

23.3864, 21.6625, 19.4717

Tritanomaly

26.1372, 21.6909, 20.2619

Monochromacy



Original Color

26.0183, 21.6434, 19.6359

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.8276, 22.0327, 22.7882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0183, 21.6434, 19.6359 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(172, 112, 117)` looks like.

```
.text, #text, p{  
    color:rgb(172, 112, 117)  
}
```

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(172, 112, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 112, 117) }
```

Border

The CSS property to change the border of an element to XYZ 26.0183, 21.6434, 19.6359 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(172, 112, 117) }
```


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

```
.border{ border-color:rgb(172, 112, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 112, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 112, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 112, 117);  
box-shadow:4px 4px 4px 4px rgb(172, 112,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0183, 21.6434, 19.6359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 112, 117) }
```

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

```
.background{ background-color: rgb(172,  
112, 117) }
```

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