

Converting Colors

XYZ(26.4824, 21.1366, 23.5529)

Have a look what the booklet for
XYZ(26.4824, 21.1366, 23.5529)
contains.

XYZ(26.5586, 21.1943, 23.4600)	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(26.5586, 21.1943,
23.4600)**

Conversions

Conversions Part 1

Format	Color
Hex	AD6C81
RGB	173, 108, 129
RGB Percent	68%, 42%, 51%
CMY	0.3216, 0.5765, 0.4941
CMYK	0.00, 0.38, 0.25, 0.32
HSL	341°, 28%, 55%
HSV	341°, 38%, 68%
XYZ	26.5586, 21.1943, 23.4600
YIQ	129.8290, 31.9990, 20.3110

Conversions

Conversions Part 2

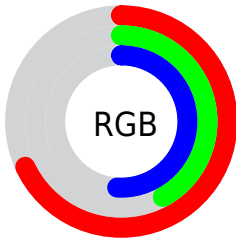
Format	Color
R_{YB}	173, 108, 129
Decimal	11365505
CIE Lab	53.16, 28.77, -0.66
CIE LCh	53, 28.781, 358.694
Yxy	21.1943, 0.3729, 0.2976
Android (android.graphics.Color)	4289555585 (0xFFAD6C81)
YUV	129.8290, -0.4087, 37.8610
Hunter-Lab	46.0373, 22.4103, 2.0127

Details

The XYZ color **26.5586, 21.1943, 23.4600** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.7963, 35.3429, 35.1170**, and the grayscale version is **21.1517, 22.2532, 24.2337**.

A 20% lighter version of the original color is **53.6474, 45.3420, 50.1803**, and **10.6197, 7.6291, 8.5023** is the 20% darker color. If you saturate the color by 10%, you get **24.1775, 17.6072, 19.0432**, and if you desaturate by 10%, it is **29.3922, 25.5432, 28.4684**.

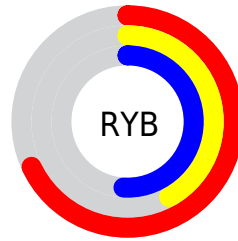
Distribution



Red (68%)

Green (42%)

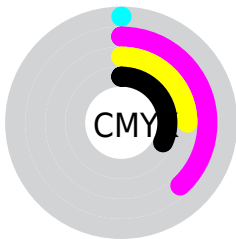
Blue (51%)



Red (68%)

Yellow (42%)

Blue (51%)

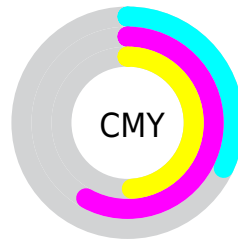


Cyan (0%)

Magenta (38%)

Yellow (25%)

Black (32%)



Cyan (32%)

Magenta (58%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5586, 21.1943, 23.4600 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 26.5586, 21.1943, 23.4600 by changing the saturation by 10% instead.

■ 26.5586, 21.1943,
23.4600

■ 26.5586, 21.1943,
23.4600

277.7202,
258.3093, 283.2770

■ 17.3769, 13.2661,
14.7251

■ 53.5996, 45.4107,
50.0803

■ 10.6005, 7.6120,
8.4822

■ 72.1897, 62.4677,
68.8027

■ 5.8642, 3.8477,
4.3128

■ 94.6465, 83.3363,
91.6913

■ 2.8026, 1.5887,
1.7985

■ 121.3355,
108.4011, 119.1648

■ 1.0502, 0.3500,
0.4270

152.6220,
138.0464, 151.6415

■ 0.0000, 0.0000,
0.0000

188.8714,

172.6566, 189.5401

230.4490,
212.6161, 233.2791

■ 26.5586, 21.1943,
23.4600

■ 26.5586, 21.1943,
23.4600

■ 24.1775, 17.6072,
19.0432

■ 29.3922, 25.5432,
28.4684

■ 22.2225, 14.7345,
15.1937

■ 32.6991, 30.6915,
34.0886

■ 20.6673, 12.5285,
11.8873

■ 36.5010, 36.6780,
40.3417

■ 19.4817, 10.9341,
9.0973

■ 40.8175, 43.5379,
47.2470

■ 18.6308, 9.8872,
6.7945

■ 45.6674, 51.3046,
54.8232

■ 18.0618, 9.2885,
4.9423

■ 51.0684, 60.0096,
63.0883

■ 17.9447, 9.1687,
4.5508

■ 57.0374, 69.6830,
72.0592

■ 63.5905, 80.3534,
81.7527

■ 67.9030, 86.3680,
91.2379

Harmonies

Analogous

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



25.5520, 21.1943, 32.8939



26.5586, 21.1943, 23.4600



25.7082, 21.1943, 15.9481

Triad

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



26.5586, 21.1943, 23.4600



17.4711, 21.1943, 11.3037



17.2624, 21.1943, 40.5001

Complementary

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



26.5586, 21.1943, 23.4600



26.7963, 35.3429, 35.1170

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.



15.4478, 21.1943, 32.0653



26.5586, 21.1943, 23.4600



15.5595, 21.1943, 15.4379

Square

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



26.5586, 21.1943, 23.4600



20.2778, 21.1943, 10.0785



14.8565, 21.1943, 22.6982



20.0118, 21.1943, 44.1372

Rectangle

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



26.5586, 21.1943, 23.4600



24.2464, 21.1943, 12.6632



14.8565, 21.1943, 22.6982



16.5335, 21.1943, 38.0423

Sweetspot

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



26.5592, 21.1953, 23.4604



62.8002, 61.6272, 68.0600



25.7307, 20.3546, 42.1081



13.4537, 13.0870, 14.4722



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.



26.5592, 21.1953, 23.4604



44.0040, 32.5833, 35.4405



26.5181, 23.1220, 17.2539



8.1079, 8.0564, 8.8791



13.2067, 6.7452, 3.4677



0.3928, 0.1978, 0.2304

Inverse Universe

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



26.5592, 21.1953, 23.4604



44.0040, 32.5833, 35.4405



26.6776, 32.1054, 44.3263



8.1079, 8.0564, 8.8791



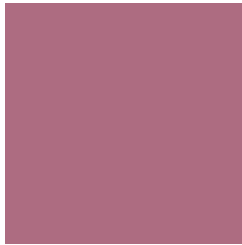
13.2067, 6.7452, 3.4677



0.3928, 0.1978, 0.2304

Previews

White Background



This preview shows how the XYZ color 26.5586, 21.1943, 23.4600 looks on a white background.

Color Contrast Check

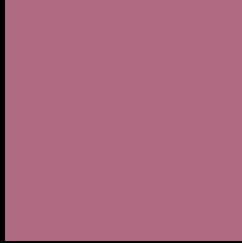
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5586, 21.1943, 23.4600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

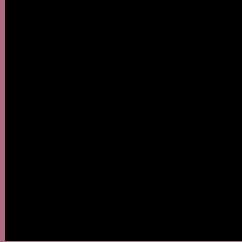
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.5586, 21.1943, 23.4600

Background



This preview shows how black text looks on a background with the XYZ color 26.5586, 21.1943, 23.4600.



This preview shows how white text looks on a background with the XYZ color 26.5586, 21.1943,

23.4600.

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

26.5586, 21.1943, 23.4600

Protanopia

20.7987, 21.2508, 27.8165

Deuteranopia

21.6641, 21.2477, 22.6981



Tritanopia

25.8592, 21.2305, 19.8745

Trichromacy



Original Color

26.5586, 21.1943, 23.4600

Protanomaly

22.3685, 20.8109, 26.1305

Deuteranomaly

23.2581, 21.1646, 22.9380

Tritanomaly

25.9947, 21.1131, 21.1175

Monochromacy



Original Color

26.5586, 21.1943, 23.4600

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.8429, 21.6418, 24.0924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5586, 21.1943, 23.4600 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(173, 108, 129)` looks like.

```
.text, #text, p{  
    color:rgb(173, 108, 129)  
}
```

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(173, 108, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 108, 129) }
```

Border

The CSS property to change the border of an element to XYZ 26.5586, 21.1943, 23.4600 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(173, 108, 129) }
```


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

```
.border{ border-color:rgb(173, 108, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 108, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 108, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 108, 129);  
box-shadow:4px 4px 4px 4px rgb(173, 108,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5586, 21.1943, 23.4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 108, 129) }
```

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

```
.background{ background-color: rgb(173,  
108, 129) }
```

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