

Converting Colors

XYZ(25.3424, 19.8853, 26.2262)

Have a look what the booklet for
XYZ(25.3424, 19.8853, 26.2262)
contains.

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Color

**XYZ(25.4020, 19.9223,
26.1735)**

Conversions

Conversions Part 1

Format	Color
Hex	A76889
RGB	167, 104, 137
RGB Percent	65%, 41%, 54%
CMY	0.3451, 0.5921, 0.4627
CMYK	0.00, 0.38, 0.18, 0.35
HSL	329°, 26%, 53%
HSV	329°, 38%, 65%
XYZ	25.4020, 19.9223, 26.1735
YIQ	126.5990, 26.9550, 23.6190

Conversions

Conversions Part 2

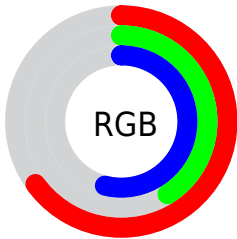
Format	Color
R_{YB}	167, 104, 137
Decimal	10971273
CIE _{Lab}	51.75, 30.04, -7.55
CIE _{LCh}	52, 30.978, 345.901
Yxy	19.9223, 0.3553, 0.2786
Android (android.graphics.Color)	4289161353 (0xFFA76889)
YUV	126.5990, 5.1277, 35.4317
Hunter-Lab	44.6344, 23.4764, -3.5234

Details

The XYZ color **25.4020, 19.9223, 26.1735** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.8316, 32.3022, 27.5346**, and the grayscale version is **20.0125, 21.0547, 22.9286**.

A 20% lighter version of the original color is **51.6142, 43.1826, 54.3299**, and **10.0259, 6.9979, 9.8391** is the 20% darker color. If you saturate the color by 10%, you get **23.3349, 16.6676, 22.7729**, and if you desaturate by 10%, it is **27.8452, 23.8615, 29.9074**.

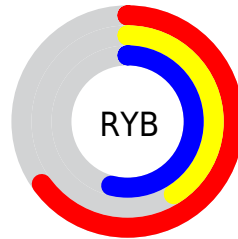
Distribution



Red (65%)

Green (41%)

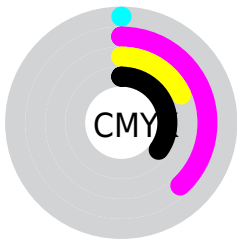
Blue (54%)



Red (65%)

Yellow (41%)

Blue (54%)

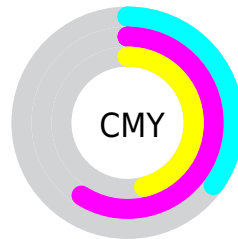


Cyan (0%)

Magenta (38%)

Yellow (18%)

Black (35%)



Cyan (35%)


Magenta (59%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4020, 19.9223, 26.1735 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 25.4020, 19.9223, 26.1735 by changing the saturation by 10% instead.


 25.4020, 19.9223,
26.1735


 25.4020, 19.9223,
26.1735


272.1449,
251.4942, 297.2653


 16.5071, 12.3386,
16.7266

 51.7468, 43.2869,
54.5422


 9.9768, 6.9747,
9.8798


 69.9275, 59.8365,
74.3011

 5.4458, 3.4463,
5.2148

 91.9342, 80.1436,
98.3343

 2.5485, 1.3689,
2.3129

 118.1323,
104.5925, 127.0605

 0.9198, 0.1937,
0.7384

148.8870,
133.5676, 160.8982

 0.0000, 0.0000,
0.0000

184.5638,

167.4533, 200.2658

225.5280,
206.6340, 245.5820

■ 25.4020, 19.9223,
26.1735

■ 25.4020, 19.9223,
26.1735

■ 23.3349, 16.6676,
22.7729

■ 27.8452, 23.8615,
29.9074

■ 21.6216, 14.0547,
19.6930

■ 30.6817, 28.5189,
33.9841

■ 20.2398, 12.0404,
16.9221

■ 33.9299, 33.9295,
38.4139

■ 19.1639, 10.5752,
14.4469

■ 37.6062, 40.1251,
43.2065

■ 18.3643, 9.6013,
12.2526

■ 41.7264, 47.1356,
48.3710

■ 17.7928, 9.0242,
10.3179

■ 46.3051, 54.9895,
53.9163

■ 17.6761, 8.9114,
9.9067

■ 51.3566, 63.7137,
59.8507

■ 56.8943, 73.3340,
66.1824

■ 62.9312, 83.8752,
72.9194

Harmonies

Analogous

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



23.6011, 19.9223, 36.0548



25.4020, 19.9223, 26.1735



25.3424, 19.9223, 17.2989

Triad

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



25.4020, 19.9223, 26.1735



17.3321, 19.9223, 8.9676



15.0440, 19.9223, 36.5960

Complementary

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



25.4020, 19.9223, 26.1735



23.8316, 32.3022, 27.5346

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.



13.7112, 19.9223, 26.7722



25.4020, 19.9223, 26.1735



14.9293, 19.9223, 11.7622

Square

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



25.4020, 19.9223, 26.1735



20.4417, 19.9223, 8.8899



13.6717, 19.9223, 17.7537



17.5052, 19.9223, 43.1047

Rectangle

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



25.4020, 19.9223, 26.1735



24.2483, 19.9223, 13.0642



13.6717, 19.9223, 17.7537



14.4617, 19.9223, 33.4673

Sweetspot

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



25.4026, 19.9232, 26.1739



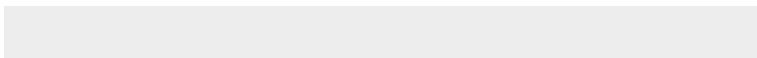
58.6578, 57.2394, 65.9652



21.6624, 17.7110, 38.8361



12.9561, 12.5249, 14.5303



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.4026, 19.9232, 26.1739



42.4474, 30.8714, 41.9013



23.4941, 19.1598, 16.1241



7.6891, 7.6055, 8.6798



13.5508, 6.8290, 7.7120



0.3553, 0.1764, 0.3225

Inverse Universe

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



25.4026, 19.9232, 26.1739



42.4474, 30.8714, 41.9013



26.3107, 33.2938, 40.5894



7.6891, 7.6055, 8.6798



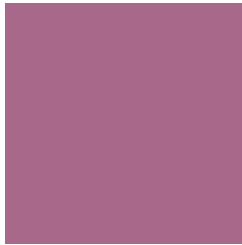
13.5508, 6.8290, 7.7120



0.3553, 0.1764, 0.3225

Previews

White Background



This preview shows how the XYZ color 25.4020, 19.9223, 26.1735 looks on a white background.

Color Contrast Check

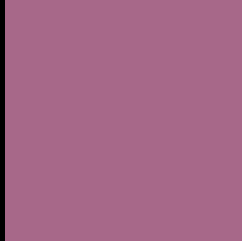
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4020, 19.9223, 26.1735 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 25.4020, 19.9223, 26.1735

Background



This preview shows how black text looks on a background with the XYZ color 25.4020, 19.9223, 26.1735.



This preview shows how white text looks on a background with the XYZ color 25.4020, 19.9223,

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

25.4020, 19.9223, 26.1735

Protanopia

19.9790, 20.1874, 31.2773

Deuteranopia

20.3796, 19.9795, 25.3366



Tritanopia

24.0320, 19.9854, 19.1139

Trichromacy



Original Color

25.4020, 19.9223, 26.1735

Protanomaly

21.5096, 19.7694, 29.4703

Deuteranomaly

21.8921, 19.7132, 25.5729

Tritanomaly

24.6217, 20.0776, 21.6464

Monochromacy



Original Color

25.4020, 19.9223, 26.1735

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.8489, 20.5831, 24.2941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4020, 19.9223, 26.1735 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(167, 104, 137)` looks like.

```
.text, #text, p{  
    color:rgb(167, 104, 137)  
}
```

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(167, 104, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 104, 137) }
```

Border

The CSS property to change the border of an element to XYZ 25.4020, 19.9223, 26.1735 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(167, 104, 137) }
```


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

```
.border{ border-color:rgb(167, 104, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 104, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 104, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 104, 137);  
box-shadow:4px 4px 4px 4px rgb(167, 104,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4020, 19.9223, 26.1735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 104, 137) }
```

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

```
.background{ background-color: rgb(167,  
104, 137) }
```

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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