

Converting Colors

XYZ(26.4227, 18.7833, 20.0022)

Have a look what the booklet for
XYZ(26.4227, 18.7833, 20.0022)
contains.

XYZ(26.4227, 18.7833, 20.0022)	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(26.4227, 18.7833,
20.0022)**

Conversions

Conversions Part 1

Format	Color
Hex	B65B78
RGB	182, 91, 120
RGB Percent	71%, 36%, 47%
CMY	0.2863, 0.6431, 0.5294
CMYK	0.00, 0.50, 0.34, 0.29
HSL	341°, 38%, 54%
HSV	341°, 50%, 71%
XYZ	26.4227, 18.7833, 20.0022
YIQ	121.5150, 44.9270, 28.3110

Conversions

Conversions Part 2

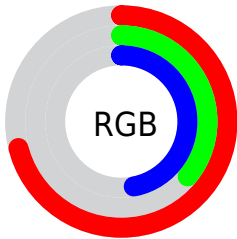
Format	Color
R_{YB}	182, 91, 120
Decimal	11950968
CIE _{Lab}	50.43, 39.98, 0.85
CIE _{LCh}	50, 39.986, 1.212
Yxy	18.7833, 0.4052, 0.2881
Android (android.graphics.Color)	4290141048 (0xFFB65B78)
YUV	121.5150, -0.7469, 53.0453
Hunter-Lab	43.3397, 32.9807, 2.9742

Details

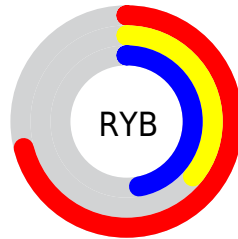
The XYZ color **26.4227, 18.7833, 20.0022** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **26.7931, 37.9805, 36.0579**, and the grayscale version is **18.3334, 19.2882, 21.0048**.

A 20% lighter version of the original color is **53.3548, 41.4503, 44.2183**, and **10.5327, 6.4211, 6.8152** is the 20% darker color. If you saturate the color by 10%, you get **24.3468, 15.7588, 15.8345**, and if you desaturate by 10%, it is **28.9744, 22.6032, 24.8098**.

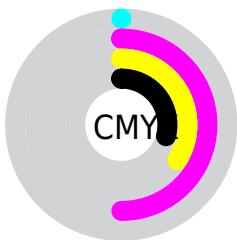
Distribution



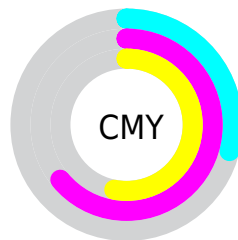
- Red (71%)
- Green (36%)
- Blue (47%)



- Red (71%)
- Yellow (36%)
- Blue (47%)



- Cyan (0%)
- Magenta (50%)
- Yellow (34%)
- Black (29%)





- Cyan (29%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4227, 18.7833, 20.0022 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 26.4227, 18.7833, 20.0022 by changing the saturation by 10% instead.

 26.4227, 18.7833,
20.0022


 26.4227, 18.7833,
20.0022


277.0698,
245.2498, 264.5317


 17.2745, 11.5138,
12.2125


 53.3825, 41.3676,
44.2799


 10.5269, 6.4135,
6.7643


 71.9249, 57.4512,
61.6050

 5.8146, 3.0981,
3.2389

 94.3292, 77.2416,
82.9457

 2.7723, 1.1832,
1.2179

 120.9611,
101.1233, 108.7205

 1.0345, 0.0479,
0.0000

152.1857,
129.4805, 139.3480

 0.0000, 0.0000,
0.0000

188.3684,

162.6977, 175.2466

229.8747,
201.1594, 216.8350

■ 26.4227, 18.7833,
20.0022

■ 26.4227, 18.7833,
20.0022

■ 24.3468, 15.7588,
15.8345

■ 28.9744, 22.6032,
24.8098

■ 22.7136, 13.4700,
12.2769

■ 32.0289, 27.2670,
30.2830

■ 21.4883, 11.8530,
9.2982


■ 35.6127, 32.8226,
36.4474


■ 20.6292, 10.8317,
6.8639


■ 39.7503, 39.3137,
43.3269


■ 20.0552, 10.2507,
4.9242


■ 44.4644, 46.7807,
50.9440

 20.0551, 10.2506,
4.9237

 49.7764, 55.2621,
59.3205

 55.7068, 64.7939,
68.4769

 62.2748, 75.4105,
78.4333

 69.4990, 87.1449,
89.2086

Harmonies

Analogous

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



25.2424, 18.7833, 32.5980



26.4227, 18.7833, 20.0022



25.0437, 18.7833, 11.2392

Triad

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



26.4227, 18.7833, 20.0022



14.2510, 18.7833, 7.0581



14.4881, 18.7833, 45.5527

Complementary

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



26.4227, 18.7833, 20.0022



26.7931, 37.9805, 36.0579

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.



12.1900, 18.7833, 33.6803



26.4227, 18.7833, 20.0022



12.0678, 18.7833, 11.7739

Square

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



26.4227, 18.7833, 20.0022



17.6953, 18.7833, 5.6420



11.3710, 18.7833, 20.9081



18.0116, 18.7833, 50.2097

Rectangle

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



26.4227, 18.7833, 20.0022



22.9599, 18.7833, 7.8873



11.3710, 18.7833, 20.9081



13.5657, 18.7833, 42.1024

Sweetspot

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



26.4232, 18.7842, 20.0026



67.9958, 64.8731, 71.8307



25.0720, 17.5039, 46.3133



14.6762, 13.7927, 15.2941



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.4232, 18.7842, 20.0026



43.8032, 28.0889, 28.0016



26.3517, 21.0439, 12.5717



9.1194, 9.0581, 9.9761



14.1898, 7.2497, 3.6202



0.5292, 0.2672, 0.2803

Inverse Universe

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



26.4232, 18.7842, 20.0026



43.8032, 28.0889, 28.0016



26.5468, 33.1787, 49.2611



9.1194, 9.0581, 9.9761



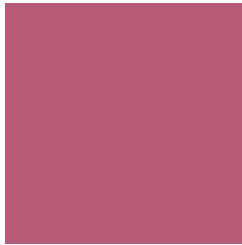
14.1898, 7.2497, 3.6202



0.5292, 0.2672, 0.2803

Previews

White Background



This preview shows how the XYZ color 26.4227, 18.7833, 20.0022 looks on a white background.

Color Contrast Check

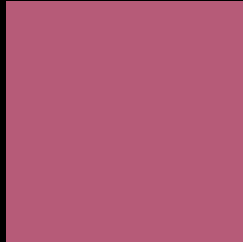
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4227, 18.7833, 20.0022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

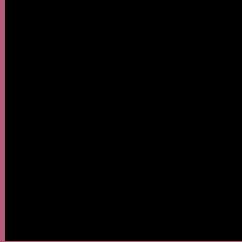
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4227, 18.7833, 20.0022

Background



This preview shows how black text looks on a background with the XYZ color 26.4227, 18.7833, 20.0022.



This preview shows how white text looks on a background with the XYZ color 26.4227, 18.7833,

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

26.4227, 18.7833, 20.0022

Protanopia

18.7030, 19.0906, 26.3660

Deuteranopia

19.3452, 19.0519, 19.1808



Tritanopia

25.1741, 18.6483, 14.5846

Trichromacy



Original Color

26.4227, 18.7833, 20.0022

Protanomaly

20.5499, 18.2387, 23.9101

Deuteranomaly

21.3359, 18.5888, 19.2931

Tritanomaly

25.6772, 18.7352, 16.4503

Monochromacy



Original Color

26.4227, 18.7833, 20.0022

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.6372, 18.6786, 20.6068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4227, 18.7833, 20.0022 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(182, 91, 120)` looks like.

```
.text, #text, p{  
    color:rgb(182, 91, 120)  
}
```

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(182, 91, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 91, 120) }
```

Border

The CSS property to change the border of an element to XYZ 26.4227, 18.7833, 20.0022 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(182, 91, 120) }
```


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

```
.border{ border-color:rgb(182, 91, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 91, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 91, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 91, 120);  
box-shadow:4px 4px 4px 4px rgb(182, 91,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4227, 18.7833, 20.0022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 91, 120) }
```

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

```
.background{ background-color: rgb(182, 91,  
120) }
```

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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