

Converting Colors

XYZ(26.0705, 22.6358, 20.8110)

Have a look what the booklet for
XYZ(26.0705, 22.6358, 20.8110)
contains.

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Color

**XYZ(26.0170, 22.6378,
20.7676)**

Conversions

Conversions Part 1

Format	Color
Hex	A87678
RGB	168, 118, 120
RGB Percent	66%, 46%, 47%
CMY	0.3412, 0.5372, 0.5294
CMYK	0.00, 0.30, 0.29, 0.34
HSL	358°, 22%, 56%
HSV	358°, 30%, 66%
XYZ	26.0170, 22.6378, 20.7676
YIQ	133.1780, 29.1580, 11.2220

Conversions

Conversions Part 2

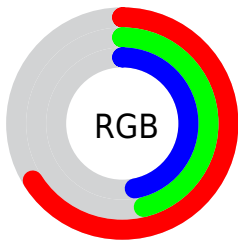
Format	Color
R_{YB}	168, 118, 120
Decimal	11040376
CIE _{Lab}	54.70, 19.92, 6.77
CIE _{LCh}	55, 21.034, 18.765
Yxy	22.6378, 0.3748, 0.3261
Android (android.graphics.Color)	4289230456 (0xFFA87678)
YUV	133.1780, -6.4968, 30.5389
Hunter-Lab	47.5792, 14.3428, 7.4262

Details

The XYZ color **26.0170, 22.6378, 20.7676** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.3577, 34.6104, 41.2640**, and the grayscale version is **22.3752, 23.5405, 25.6356**.

A 20% lighter version of the original color is **52.5616, 47.5753, 45.4424**, and **10.3681, 8.3690, 7.1998** is the 20% darker color. If you saturate the color by 10%, you get **23.3142, 18.6688, 15.4372**, and if you desaturate by 10%, it is **29.2383, 27.3796, 27.0848**.

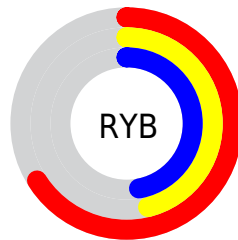
Distribution



Red (66%)

Green (46%)

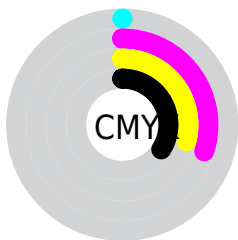
Blue (47%)



Red (66%)

Yellow (46%)

Blue (47%)

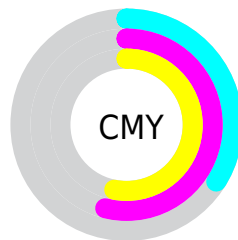


Cyan (0%)

Magenta (30%)

Yellow (29%)

Black (34%)



Cyan (34%)

Magenta (54%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0170, 22.6378, 20.7676 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 26.0170, 22.6378, 20.7676 by changing the saturation by 10% instead.

■ 26.0170, 22.6378,
20.7676

■ 26.0170, 22.6378,
20.7676

275.1207,
265.8592, 268.7812

■ 16.9691, 14.3263,
12.7646

■ 52.7335, 47.7979,
45.5762

■ 10.3076, 8.3480,
7.1379

■ 71.1328, 65.4153,
63.2189

■ 5.6672, 4.3184,
3.4687

■ 93.3799, 86.9034,
84.9120

■ 2.6825, 1.8532,
1.3387

119.8402,
112.6467, 111.0739

■ 0.9882, 0.5200,
0.0932

150.8791,
143.0295, 142.1232

■ 0.0000, 0.0000,
0.0000

186.8619,

178.4363, 178.4785

228.1540,
219.2514, 220.5583

■ 26.0170, 22.6378,
20.7676

■ 26.0170, 22.6378,
20.7676

■ 23.3142, 18.6688,
15.4372

■ 29.2383, 27.3796,
27.0848

■ 21.1010, 15.4288,
11.0426

■ 33.0013, 32.9287,
34.4337

■ 19.3488, 12.8743,
7.5302


■ 37.3300, 39.3214,
42.8581


■ 18.0250, 10.9559,
4.8403


■ 42.2463, 46.5908,
52.3987


■ 17.0927, 9.6180,
2.9060


■ 47.7711, 54.7685,
63.0943


 16.5090, 8.7949,
1.6500


 53.9242, 63.8840,
74.9817

 16.1917, 8.3491,
0.9619

 60.7246, 73.9660,
88.0961

 16.1852, 8.3395,
0.9493

 68.1902, 85.0417,
102.4713

 69.9584, 87.0648,
107.7257

Harmonies

Analogous

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



26.1892, 22.6378, 27.2195



26.0170, 22.6378, 20.7676



24.5891, 22.6378, 16.2442

Triad

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



26.0170, 22.6378, 20.7676



18.3369, 22.6378, 17.1581



20.6601, 22.6378, 39.4024

Complementary

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



26.0170, 22.6378, 20.7676



28.3577, 34.6104, 41.2640

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.



18.7113, 22.6378, 35.5437



26.0170, 22.6378, 20.7676



17.4356, 22.6378, 22.2451

Square

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



26.0170, 22.6378, 20.7676



20.1149, 22.6378, 14.4332



17.5675, 22.6378, 28.9855



22.9819, 22.6378, 38.8124

Rectangle

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



26.0170, 22.6378, 20.7676



23.1710, 22.6378, 14.5653



17.5675, 22.6378, 28.9855



19.9428, 22.6378, 38.5583

Sweetspot

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



26.0176, 22.6389, 20.7681



60.3234, 60.3996, 63.3379



29.1681, 23.8382, 40.1096



12.9241, 12.8343, 13.3687



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.



26.0176, 22.6389, 20.7681



43.7296, 35.9643, 30.8244



28.8704, 28.5363, 21.1274



7.5428, 7.5470, 7.9096



12.2270, 6.2995, 0.7411



0.3012, 0.1547, 0.0374

Inverse Universe

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



26.0176, 22.6389, 20.7681



43.7296, 35.9643, 30.8244



24.7420, 27.0836, 40.9693



7.5428, 7.5470, 7.9096



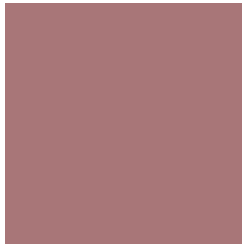
12.2270, 6.2995, 0.7411



0.3012, 0.1547, 0.0374

Previews

White Background



This preview shows how the XYZ color 26.0170, 22.6378, 20.7676 looks on a white background.

Color Contrast Check

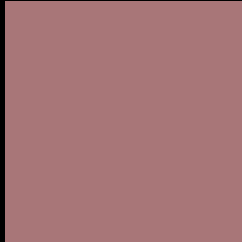
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0170, 22.6378, 20.7676 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 26.0170, 22.6378, 20.7676

Background



This preview shows how black text looks on a background with the XYZ color 26.0170, 22.6378, 20.7676.



This preview shows how white text looks on a background with the XYZ color 26.0170, 22.6378,

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

26.0170, 22.6378, 20.7676

Protanopia

21.9387, 22.9158, 23.3456

Deuteranopia

23.1253, 22.6193, 20.2867



Tritanopia

26.4894, 22.6640, 22.7171

Trichromacy



Original Color

26.0170, 22.6378, 20.7676

Protanomaly

23.1316, 22.5800, 22.2080

Deuteranomaly

24.1230, 22.5657, 20.5370

Tritanomaly

26.3616, 22.6128, 22.0441

Monochromacy



Original Color

26.0170, 22.6378, 20.7676

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.4695, 23.1078, 23.6454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0170, 22.6378, 20.7676 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(168, 118, 120)` looks like.

```
.text, #text, p{  
    color:rgb(168, 118, 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(168, 118, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 118, 120) }
```

Border

The CSS property to change the border of an element to XYZ 26.0170, 22.6378, 20.7676 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(168, 118, 120) }
```


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

```
.border{ border-color:rgb(168, 118, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 118, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 118, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 118, 120);  
box-shadow:4px 4px 4px 4px rgb(168, 118,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0170, 22.6378, 20.7676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 118, 120) }
```

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

```
.background{ background-color: rgb(168,  
118, 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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