

Converting Colors

XYZ(26.4125, 23.9755, 20.6831)

Have a look what the booklet for
XYZ(26.4125, 23.9755, 20.6831)
contains.

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Color

**XYZ(26.4738, 23.9627,
20.6827)**

Conversions

Conversions Part 1

Format	Color
Hex	A77C77
RGB	167, 124, 119
RGB Percent	65%, 49%, 47%
CMY	0.3451, 0.5137, 0.5333
CMYK	0.00, 0.26, 0.29, 0.35
HSL	6°, 21%, 56%
HSV	6°, 29%, 65%
XYZ	26.4738, 23.9627, 20.6827
YIQ	136.2870, 27.2330, 7.5610

Conversions

Conversions Part 2

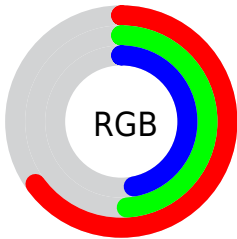
Format	Color
R_{YB}	167, 125, 119
Decimal	10976375
CIE _{Lab}	56.05, 15.97, 9.26
CIE _{LCh}	56, 18.461, 30.093
Yxy	23.9627, 0.3722, 0.3369
Android (android.graphics.Color)	4289166455 (0xFFA77C77)
YUV	136.2870, -8.5225, 26.9353
Hunter-Lab	48.9517, 10.8699, 9.2154

Details

The XYZ color **26.4738, 23.9627, 20.6827** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.5028, 32.5517, 41.3930**, and the grayscale version is **23.5337, 24.7593, 26.9629**.

A 20% lighter version of the original color is **53.5043, 50.0725, 45.3731**, and **10.5928, 9.0645, 7.1526** is the 20% darker color. If you saturate the color by 10%, you get **23.8231, 20.1277, 15.2782**, and if you desaturate by 10%, it is **29.5865, 28.4393, 27.1112**.

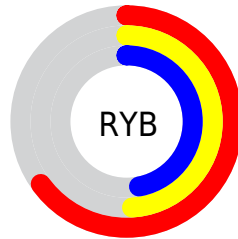
Distribution



Red (65%)

Green (49%)

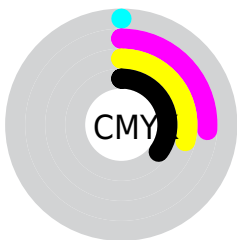
Blue (47%)



Red (65%)

Yellow (49%)

Blue (47%)

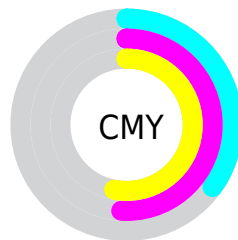


Cyan (0%)

Magenta (26%)

Yellow (29%)

Black (35%)



Cyan (35%)

Magenta (51%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4738, 23.9627, 20.6827 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 26.4738, 23.9627, 20.6827 by changing the saturation by 10% instead.

■ 26.4738, 23.9627,
20.6827

■ 26.4738, 23.9627,
20.6827

277.3145,
272.6318, 268.3128

■ 17.3130, 15.3060,
12.7033

■ 53.4642, 49.9693,
45.4328

■ 10.5546, 9.0344,
7.0962

■ 72.0245, 68.0880,
63.0405

■ 5.8332, 4.7636,
3.4430

■ 94.4486, 90.1294,
84.6948

■ 2.7836, 2.1092,
1.3250

121.1019,
116.4780, 110.8141

■ 1.0404, 0.6698,
0.0822

152.3498,
147.5182, 141.8170

■ 0.0000, 0.0000,
0.0000

188.5576,

183.6342, 178.1221

230.0907,
225.2107, 220.1478

■ 26.4738, 23.9627,
20.6827

■ 26.4738, 23.9627,
20.6827

■ 23.8231, 20.1277,
15.2782

■ 29.5865, 28.4393,
27.1112

■ 21.6104, 16.9016,
10.8434

■ 33.1797, 33.5814,
34.6114

■ 19.8126, 14.2542,
7.3212

■ 37.2734, 39.4160,
43.2294

■ 18.4036, 12.1509,
4.6480

■ 41.8858, 45.9674,
53.0086

■ 17.3543, 10.5539,
2.7518

■ 47.0341, 53.2588,
63.9897

■ 16.6314, 9.4202,
1.5489

■ 52.7350, 61.3123,
76.2118

■ 16.1857, 8.6957,
0.8857

■ 59.0041, 70.1493,
89.7120

■ 16.1433, 8.6292,
0.8148

■ 65.8566, 79.7901,
104.5258

■ 69.7464, 86.9555,
107.7158

Harmonies

Analogous

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



27.0836, 23.9627, 26.0724



26.4738, 23.9627, 20.6827



24.8615, 23.9627, 17.2513

Triad

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



26.4738, 23.9627, 20.6827



19.4334, 23.9627, 20.7107



22.7824, 23.9627, 39.5376

Complementary

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



26.4738, 23.9627, 20.6827



27.5028, 32.5517, 41.3930

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.



20.8102, 23.9627, 37.5291



26.4738, 23.9627, 20.6827



18.9509, 23.9627, 26.1102

Square

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



26.4738, 23.9627, 20.6827



20.7994, 23.9627, 17.2656



19.4393, 23.9627, 32.3691



24.8736, 23.9627, 37.5050

Rectangle

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



26.4738, 23.9627, 20.6827



23.4818, 23.9627, 16.2283



19.4393, 23.9627, 32.3691



22.0842, 23.9627, 39.3093

Sweetspot

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



26.4744, 23.9638, 20.6832



59.1338, 59.7297, 61.3814



29.0728, 24.0252, 37.3809



13.0194, 13.0612, 13.2885



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.



26.4744, 23.9638, 20.6832



44.5274, 38.7468, 31.1405



29.8249, 30.6648, 21.8000



7.5917, 7.6635, 7.8683



12.3714, 6.6401, 0.6296



0.3198, 0.1991, 0.0216

Inverse Universe

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



27.5028, 32.5517, 41.3930



46.6463, 56.4758, 73.9177



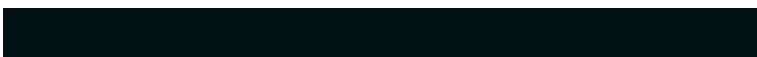
23.7003, 24.9466, 40.1254



7.6798, 8.3965, 9.6343



13.6544, 18.7689, 30.8786



0.3506, 0.4935, 0.7574

Previews

White Background



This preview shows how the XYZ color 26.4738, 23.9627, 20.6827 looks on a white background.

Color Contrast Check

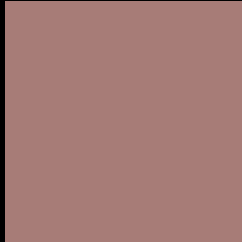
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4738, 23.9627, 20.6827 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 26.4738, 23.9627, 20.6827

Background



This preview shows how black text looks on a background with the XYZ color 26.4738, 23.9627, 20.6827.



This preview shows how white text looks on a background with the XYZ color 26.4738, 23.9627,

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

26.4738, 23.9627, 20.6827

Protanopia

22.8106, 23.9944, 22.4979

Deuteranopia

24.5791, 24.1433, 20.5042



Tritanopia

27.2047, 23.8826, 24.6487

Trichromacy



Original Color

26.4738, 23.9627, 20.6827

Protanomaly

23.8899, 23.7600, 21.7394

Deuteranomaly

25.2873, 24.1173, 20.4619

Tritanomaly

27.0622, 24.0231, 23.2893

Monochromacy



Original Color

26.4738, 23.9627, 20.6827

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.3132, 24.3173, 24.5314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4738, 23.9627, 20.6827 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, 124, 119)` looks like.

```
.text, #text, p{  
    color:rgb(167, 124, 119)  
}
```

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, 124, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 124, 119) }
```

Border

The CSS property to change the border of an element to XYZ 26.4738, 23.9627, 20.6827 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, 124, 119) }
```


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

```
.border{ border-color:rgb(167, 124, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 124, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 124, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 124, 119);  
box-shadow:4px 4px 4px 4px rgb(167, 124,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4738, 23.9627, 20.6827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 124, 119) }
```

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

```
.background{ background-color: rgb(167,  
124, 119) }
```

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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