

Converting Colors

XYZ(26.2521, 25.6657, 18.0383)

Have a look what the booklet for
XYZ(26.2521, 25.6657, 18.0383)
contains.

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Color

**XYZ(26.2521, 25.6657,
18.0383)**

Conversions

Conversions Part 1

Format	Color
Hex	A3856D
RGB	163, 133, 109
RGB Percent	64%, 52%, 43%
CMY	0.3608, 0.4784, 0.5725
CMYK	0.00, 0.18, 0.33, 0.36
HSL	27°, 23%, 53%
HSV	27°, 33%, 64%
XYZ	26.2521, 25.6657, 18.0383
YIQ	139.2340, 25.5840, -1.1040

Conversions

Conversions Part 2

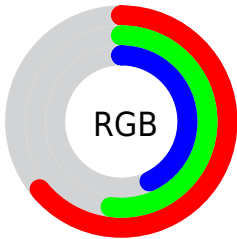
Format	Color
RYB	163, 152, 109
Decimal	10716525
CIELab	57.72, 7.87, 17.26
CIELCh	58, 18.966, 65.487
Yxy	25.6657, 0.3753, 0.3669
Android (android.graphics.Color)	4288906605 (0xFFA3856D)
YUV	139.2340, -14.9054, 20.8428
Hunter-Lab	50.6613, 3.8393, 14.3523

Details

The XYZ color **26.2521, 25.6657, 18.0383** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.1499, 24.3600, 38.1849**, and the grayscale version is **24.6801, 25.9654, 28.2763**.

A 20% lighter version of the original color is **53.2053, 52.7511, 41.0960**, and **10.4430, 9.9926, 5.7932** is the 20% darker color. If you saturate the color by 10%, you get **24.2682, 22.9743, 13.4420**, and if you desaturate by 10%, it is **28.5070, 28.6384, 23.5283**.

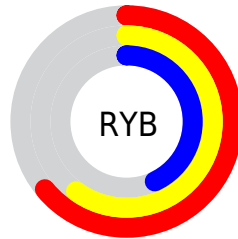
Distribution



Red (64%)

Green (52%)

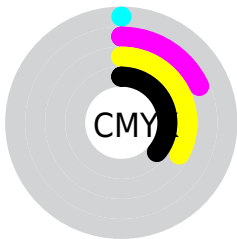
Blue (43%)



Red (64%)

Yellow (60%)

Blue (43%)

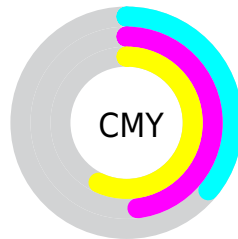


Cyan (0%)

Magenta (18%)

Yellow (33%)

Black (36%)



Cyan (36%)

Magenta (48%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2521, 25.6657, 18.0383 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 26.2521, 25.6657, 18.0383 by changing the saturation by 10% instead.

■ 26.2521, 25.6657,
18.0383

■ 26.2521, 25.6657,
18.0383

276.2515,
281.1371, 253.3302

■ 17.1460, 16.5737,
10.8078

■ 53.1098, 52.7351,
40.9174

■ 10.4346, 9.9310,
5.8252

■ 71.5921, 71.4814,
57.4030

■ 5.7525, 5.3533,
2.6720

■ 93.9305, 94.2145,
77.8108

■ 2.7344, 2.4560,
0.9293

■ 120.4903,
121.3189, 102.5592

■ 1.0149, 0.8545,
0.0000

151.6370,
153.1790, 132.0668

■ 0.0000, 0.0000,
0.0000

187.7358,

190.1791, 166.7521

229.1522,
232.7037, 207.0338

■ 26.2521, 25.6657,
18.0383

■ 26.2521, 25.6657,
18.0383

■ 24.2682, 22.9743,
13.4420

■ 28.5070, 28.6384,
23.5283

■ 22.5416, 20.5515,
9.6896

■ 31.0417, 31.8972,
29.9551

■ 21.0602, 18.3891,
6.7284

■ 33.8672, 35.4516,
37.3610

■ 19.8101, 16.4768,
4.4995

■ 36.9932, 39.3091,
45.7849

■ 18.7757, 14.8035,
2.9353

■ 40.4289, 43.4772,
55.2640

■ 17.9386, 13.3567,
1.9554

■ 44.1831, 47.9632,
65.8332

■ 17.4512, 12.4803,
1.4892

■ 48.2643, 52.7738,
77.5261

■ 52.6804, 57.9158,
90.3748

■ 57.3263, 63.3505,
103.8142

Harmonies

Analogous

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



28.1270, 25.6657, 21.2940



26.2521, 25.6657, 18.0383



23.9791, 25.6657, 17.2507

Triad

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



26.2521, 25.6657, 18.0383



20.2995, 25.6657, 29.1591



27.0192, 25.6657, 39.4199

Complementary

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



26.2521, 25.6657, 18.0383



22.1499, 24.3600, 38.1849

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.



24.8146, 25.6657, 42.3400



26.2521, 25.6657, 18.0383



21.0077, 25.6657, 35.8555

Square

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



26.2521, 25.6657, 18.0383



20.6319, 25.6657, 23.0698



22.6266, 25.6657, 40.9438



28.5888, 25.6657, 33.4641

Rectangle

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



26.2521, 25.6657, 18.0383



22.5626, 25.6657, 18.1056



22.6266, 25.6657, 40.9438



26.3229, 25.6657, 40.8279

Sweetspot

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



26.2528, 25.6669, 18.0388



57.0275, 58.9431, 57.3651



25.2773, 20.6057, 27.3018



12.6604, 13.0514, 12.5000



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.2528, 25.6669, 18.0388



44.2678, 42.2513, 25.8974



30.3317, 33.8249, 19.3985



7.3208, 7.5800, 7.4573



13.6068, 9.7875, 1.1720



0.3328, 0.2994, 0.0403

Inverse Universe

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



22.1499, 24.3600, 38.1849



35.7300, 39.5261, 67.8022



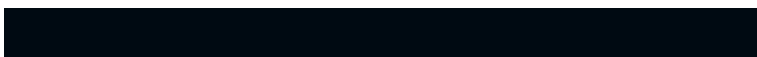
18.7784, 17.6170, 37.0611



7.0114, 7.4818, 8.9777



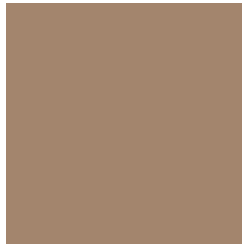
8.0611, 7.9015, 28.0301



0.2156, 0.2584, 0.6044

Previews

White Background



This preview shows how the XYZ color 26.2521, 25.6657, 18.0383 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 26.2521, 25.6657, 18.0383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

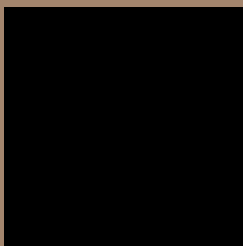
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.2521, 25.6657, 18.0383

Background



This preview shows how black text looks on a background with the XYZ color 26.2521, 25.6657, 18.0383.



This preview shows how white text looks on a background with the XYZ color 26.2521, 25.6657,

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

26.2521, 25.6657, 18.0383

Protanopia

24.1899, 25.8381, 19.0415

Deuteranopia

26.0481, 25.5606, 18.0288



Tritanopia

28.2363, 25.6716, 27.8930

Trichromacy



Original Color

26.2521, 25.6657, 18.0383

Protanomaly

24.9518, 25.8113, 18.7059

Deuteranomaly

26.0481, 25.5606, 18.0288

Tritanomaly

27.3960, 25.5231, 23.9046

Monochromacy



Original Color

26.2521, 25.6657, 18.0383

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.0547, 25.7457, 24.0710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2521, 25.6657, 18.0383 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(163, 133, 109)` looks like.

```
.text, #text, p{  
    color:rgb(163, 133, 109)  
}
```

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(163, 133, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 133, 109) }
```

Border

The CSS property to change the border of an element to XYZ 26.2521, 25.6657, 18.0383 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(163, 133, 109) }
```


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

```
.border{ border-color:rgb(163, 133, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 133, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 133, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 133, 109);  
box-shadow:4px 4px 4px 4px rgb(163, 133,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2521, 25.6657, 18.0383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 133, 109) }
```

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

```
.background{ background-color: rgb(163,  
133, 109) }
```

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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