

Converting Colors

XYZ(26.4287, 25.6145, 18.4380)

Have a look what the booklet for
XYZ(26.4287, 25.6145, 18.4380)
contains.

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Color

**XYZ(26.3756, 25.5208,
18.2877)**

Conversions

Conversions Part 1

Format	Color
Hex	A4846E
RGB	164, 132, 110
RGB Percent	64%, 52%, 43%
CMY	0.3569, 0.4823, 0.5686
CMYK	0.00, 0.20, 0.33, 0.36
HSL	24°, 23%, 54%
HSV	24°, 33%, 64%
XYZ	26.3756, 25.5208, 18.2877
YIQ	139.0600, 26.1340, -0.0580

Conversions

Conversions Part 2

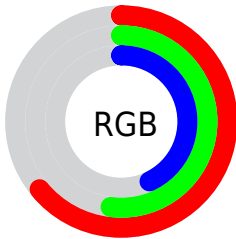
Format	Color
R_{YB}	164, 147, 110
Decimal	10781806
CIE _{Lab}	57.58, 8.98, 16.51
CIE _{LCh}	58, 18.796, 61.468
Yxy	25.5208, 0.3758, 0.3636
Android (android.graphics.Color)	4288971886 (0xFFA4846E)
YUV	139.0600, -14.3266, 21.8724
Hunter-Lab	50.5181, 4.7885, 13.8995

Details

The XYZ color **26.3756, 25.5208, 18.2877** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.8040, 25.3406, 38.8115**, and the grayscale version is **24.6106, 25.8923, 28.1967**.

A 20% lighter version of the original color is **53.3857, 52.5222, 41.5065**, and **10.5183, 9.9138, 5.9166** is the 20% darker color. If you saturate the color by 10%, you get **24.3072, 22.6831, 13.5932**, and if you desaturate by 10%, it is **28.7334, 28.6725, 23.8946**.

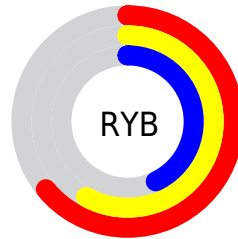
Distribution



Red (64%)

Green (52%)

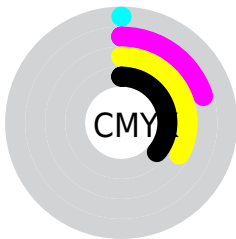
Blue (43%)



Red (64%)

Yellow (58%)

Blue (43%)

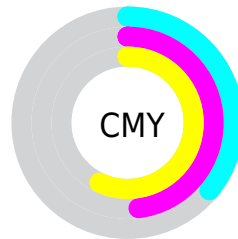


Cyan (0%)

Magenta (20%)

Yellow (33%)

Black (36%)



Cyan (36%)


Magenta (48%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3756, 25.5208, 18.2877 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 26.3756, 25.5208, 18.2877 by changing the saturation by 10% instead.


 26.3756, 25.5208,
18.2877


 26.3756, 25.5208,
18.2877


276.8440,
280.4217, 254.7781


 17.2390, 16.4655,
10.9852


 53.3073, 52.5009,
41.3475


 10.5014, 9.8541,
5.9428


 71.8330, 71.1944,
57.9418

 5.7974, 5.3024,
2.7421

 94.2192, 93.8695,
78.4705

 2.7618, 2.4257,
0.9645

 120.8312,
120.9105, 103.3521

 1.0291, 0.8391,
0.0000

152.0343,
152.7018, 133.0051

 0.0000, 0.0000,
0.0000

188.1939,

189.6279, 167.8480

229.6754,
232.0730, 208.2995

■ 26.3756, 25.5208,
18.2877

■ 26.3756, 25.5208,
18.2877

■ 24.3072, 22.6831,
13.5932

■ 28.7334, 28.6725,
23.8946

■ 22.5137, 20.1455,
9.7603

■ 31.3902, 32.1445,
30.4578

■ 20.9823, 17.8983,
6.7356

■ 34.3577, 35.9473,
38.0202

■ 19.6982, 15.9296,
4.4591

■ 37.6461, 40.0897,
46.6217

■ 18.6447, 14.2268,
2.8620

■ 41.2655, 44.5804,
56.2999

■ 17.8026, 12.7756,
1.8628

■ 45.2251, 49.4275,
67.0905

■ 17.3067, 11.8861,
1.3821

■ 49.5339, 54.6390,
79.0278

■ 54.2008, 60.2226,
92.1443

■ 58.8121, 66.0170,
104.2506

Harmonies

Analogous

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



28.1243, 25.5208, 21.8259



26.3756, 25.5208, 18.2877



24.1464, 25.5208, 17.1790

Triad

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



26.3756, 25.5208, 18.2877



20.1958, 25.5208, 28.1054



26.5785, 25.5208, 39.7101

Complementary

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



26.3756, 25.5208, 18.2877



22.8040, 25.3406, 38.8115

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.



24.3674, 25.5208, 42.0543



26.3756, 25.5208, 18.2877



20.7611, 25.5208, 34.7471

Square

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



26.3756, 25.5208, 18.2877



20.6616, 25.5208, 22.2958



22.2545, 25.5208, 40.1129



28.2464, 25.5208, 34.1148

Rectangle

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



26.3756, 25.5208, 18.2877



22.7124, 25.5208, 17.8054



22.2545, 25.5208, 40.1129



25.8696, 25.5208, 40.9400

Sweetspot

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



26.3763, 25.5220, 18.2882



58.3963, 60.1772, 58.8610



25.7986, 21.0097, 28.4447



12.6149, 12.9604, 12.4849



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.



26.3763, 25.5220, 18.2882



44.8946, 42.2465, 26.3902



30.4540, 33.6774, 19.6475



7.2997, 7.5378, 7.4503



13.3144, 9.2027, 1.0746



0.3256, 0.2850, 0.0379

Inverse Universe

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



22.8040, 25.3406, 38.8115



37.3216, 41.8507, 69.8633



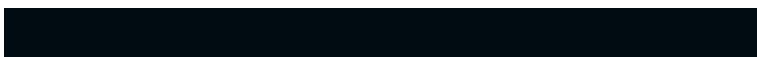
19.3080, 18.3485, 37.6461



7.0329, 7.5248, 8.9848



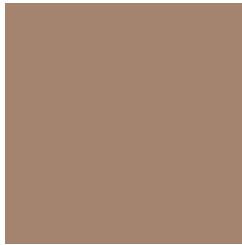
8.4756, 8.7306, 28.1682



0.2228, 0.2729, 0.6068

Previews

White Background



This preview shows how the XYZ color 26.3756, 25.5208, 18.2877 looks on a white background.

Color Contrast Check

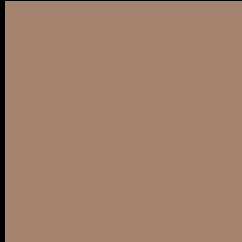
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3756, 25.5208, 18.2877 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 26.3756, 25.5208, 18.2877

Background



This preview shows how black text looks on a background with the XYZ color 26.3756, 25.5208, 18.2877.



This preview shows how white text looks on a background with the XYZ color 26.3756, 25.5208,

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

26.3756, 25.5208, 18.2877

Protanopia

24.1017, 25.5723, 19.2884

Deuteranopia

26.1023, 25.5822, 18.3140



Tritanopia

28.2430, 25.4888, 27.4760

Trichromacy



Original Color

26.3756, 25.5208, 18.2877

Protanomaly

24.8657, 25.5505, 18.9504

Deuteranomaly

26.3063, 25.6874, 18.3235

Tritanomaly

27.4724, 25.3660, 23.8703

Monochromacy



Original Color

26.3756, 25.5208, 18.2877

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.9132, 25.4627, 24.0238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3756, 25.5208, 18.2877 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(164, 132, 110)` looks like.

```
.text, #text, p{  
    color:rgb(164, 132, 110)  
}
```

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(164, 132, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 132, 110) }
```

Border

The CSS property to change the border of an element to XYZ 26.3756, 25.5208, 18.2877 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(164, 132, 110) }
```


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

```
.border{ border-color:rgb(164, 132, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 132, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 132, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 132, 110);  
box-shadow:4px 4px 4px 4px rgb(164, 132,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3756, 25.5208, 18.2877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 132, 110) }
```

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

```
.background{ background-color: rgb(164,  
132, 110) }
```

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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