

Converting Colors

XYZ(24.7662, 23.9318, 16.6786)

Have a look what the booklet for
XYZ(24.7662, 23.9318, 16.6786)
contains.

XYZ(24.7662, 23.9318, 16.6786)	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(24.7662, 23.9318,
16.6786)**

Conversions

Conversions Part 1

Format	Color
Hex	A08069
RGB	160, 128, 105
RGB Percent	63%, 50%, 41%
CMY	0.3725, 0.4980, 0.5882
CMYK	0.00, 0.20, 0.34, 0.37
HSL	25°, 22%, 52%
HSV	25°, 34%, 63%
XYZ	24.7662, 23.9318, 16.6786
YIQ	134.9460, 26.4550, -0.3690

Conversions

Conversions Part 2

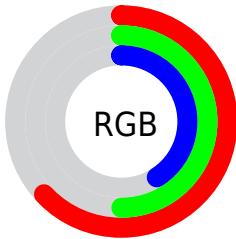
Format	Color
R_{YB}	160, 145, 105
Decimal	10518633
CIE _{Lab}	56.02, 8.93, 17.16
CIE _{LCh}	56, 19.344, 62.511
Yxy	23.9318, 0.3788, 0.3661
Android (android.graphics.Color)	4288708713 (0xFFA08069)
YUV	134.9460, -14.7634, 21.9724
Hunter-Lab	48.9201, 4.7568, 14.0300

Details

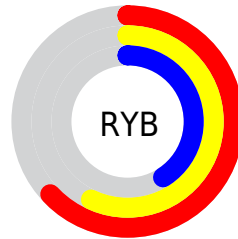
The XYZ color **24.7662, 23.9318, 16.6786** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.1164, 23.4321, 36.6678**, and the grayscale version is **23.0557, 24.2564, 26.4152**.

A 20% lighter version of the original color is **50.8435, 50.0470, 38.4328**, and **9.6231, 9.0233, 5.2375** is the 20% darker color. If you saturate the color by 10%, you get **22.8612, 21.3162, 12.3610**, and if you desaturate by 10%, it is **26.9386, 26.8343, 21.8493**.

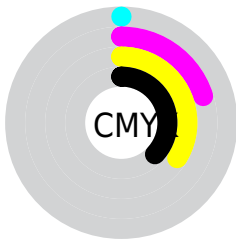
Distribution



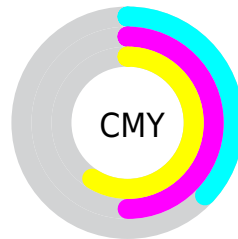
- Red (63%)
- Green (50%)
- Blue (41%)



- Red (63%)
- Yellow (57%)
- Blue (41%)



- Cyan (0%)
- Magenta (20%)
- Yellow (34%)
- Black (37%)



- Cyan (37%)
- Magenta (50%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7662, 23.9318, 16.6786 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 24.7662, 23.9318, 16.6786 by changing the saturation by 10% instead.

■ 24.7662, 23.9318,
16.6786

■ 24.7662, 23.9318,
16.6786

269.0408,
272.4755, 245.2943

■ 16.0308, 15.2830,
9.8461

■ 50.7233, 49.9189,
38.5554

■ 9.6369, 9.0183,
5.1928

■ 68.6757, 68.0260,
54.4367

■ 5.2193, 4.7531,
2.3001

■ 90.4311, 90.0547,
74.1715

■ 2.4126, 2.1031,
0.7313

■ 116.3548,
116.3893, 98.1781

■ 0.8514, 0.6664,
0.0000

146.8123,
147.4143, 126.8751

■ 0.0000, 0.0000,
0.0000

182.1689,

183.5141, 160.6811

222.7899,
225.0730, 200.0147

■ 24.7662, 23.9318,
16.6786

■ 24.7662, 23.9318,
16.6786

■ 22.8612, 21.3162,
12.3610

■ 26.9386, 26.8343,
21.8493

■ 21.2100, 18.9748,
8.8481

■ 29.3875, 30.0293,
27.9147

■ 19.8006, 16.8986,
6.0892

■ 32.1236, 33.5265,
34.9157

■ 18.6191, 15.0768,
4.0267

■ 35.1567, 37.3340,
42.8900

■ 17.6497, 13.4977,
2.5948

■ 38.4959, 41.4596,
51.8733

■ 16.8740, 12.1481,
1.7139

■ 42.1501, 45.9108,
61.8993

■ 16.4996, 11.4782,
1.3459

■ 46.1275, 50.6948,
73.0005

■ 50.4364, 55.8187,
85.2077

■ 55.0844, 61.2893,
98.5505

Harmonies

Analogous

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



26.5241, 23.9318, 20.0451



24.7662, 23.9318, 16.6786



22.5607, 23.9318, 15.6865

Triad

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



24.7662, 23.9318, 16.6786



18.7573, 23.9318, 26.5949



25.1093, 23.9318, 37.7356

Complementary

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



24.7662, 23.9318, 16.6786



21.1164, 23.4321, 36.6678

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.



22.9333, 23.9318, 40.2159



24.7662, 23.9318, 16.6786



19.3457, 23.9318, 33.1663

Square

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



24.7662, 23.9318, 16.6786



19.1789, 23.9318, 20.8310



20.8396, 23.9318, 38.4227



26.7310, 23.9318, 32.0927

Rectangle

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



24.7662, 23.9318, 16.6786



21.1570, 23.9318, 16.3488



20.8396, 23.9318, 38.4227



24.4136, 23.9318, 39.0047

Sweetspot

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



24.7668, 23.9329, 16.6791



55.3720, 57.1121, 55.7897



24.0704, 19.3856, 26.1717



12.0029, 12.3447, 11.8763



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.7668, 23.9329, 16.6791



42.3579, 39.8829, 24.3259



28.8380, 32.0753, 18.0362



6.8496, 7.0792, 6.9911



12.8945, 9.0247, 1.0623



0.2714, 0.2430, 0.0326

Inverse Universe

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



21.1164, 23.4321, 36.6678



34.7327, 38.8275, 66.0504



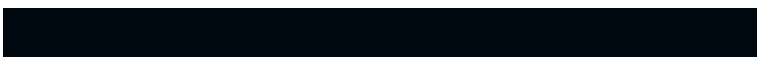
17.7022, 16.6038, 35.5297



6.5891, 7.0440, 8.4190



8.0418, 8.1752, 27.0614



0.1850, 0.2286, 0.4976

Previews

White Background



This preview shows how the XYZ color 24.7662, 23.9318, 16.6786 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 24.7662, 23.9318, 16.6786 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 24.7662, 23.9318, 16.6786

Background



This preview shows how black text looks on a background with the XYZ color 24.7662, 23.9318, 16.6786.



This preview shows how white text looks on a background with the XYZ color 24.7662, 23.9318,

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

24.7662, 23.9318, 16.6786

Protanopia

22.5596, 23.9725, 17.6255

Deuteranopia

24.3047, 23.8885, 16.6946



Tritanopia

26.6150, 23.9231, 25.7691

Trichromacy



Original Color

24.7662, 23.9318, 16.6786

Protanomaly

23.2995, 23.9536, 17.3054

Deuteranomaly

24.5006, 23.9895, 16.7037

Tritanomaly

25.8091, 23.7787, 21.9683

Monochromacy



Original Color

24.7662, 23.9318, 16.6786

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.3910, 23.8871, 22.4466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7662, 23.9318, 16.6786 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(160, 128, 105)` looks like.

```
.text, #text, p{  
    color:rgb(160, 128, 105)  
}
```

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(160, 128, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 128, 105) }
```

Border

The CSS property to change the border of an element to XYZ 24.7662, 23.9318, 16.6786 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(160, 128, 105) }
```


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

```
.border{ border-color:rgb(160, 128, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 128, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 128, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 128, 105);  
box-shadow:4px 4px 4px 4px rgb(160, 128,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7662, 23.9318, 16.6786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 128, 105) }
```

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

```
.background{ background-color: rgb(160,  
128, 105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor