

Converting Colors

XYZ(24.1778, 23.1647, 15.5091)

Have a look what the booklet for
XYZ(24.1778, 23.1647, 15.5091)
contains.

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Color

**XYZ(24.1798, 23.0804,
15.4925)**

Conversions

Conversions Part 1

Format	Color
Hex	A07D65
RGB	160, 125, 101
RGB Percent	63%, 49%, 40%
CMY	0.3725, 0.5098, 0.6039
CMYK	0.00, 0.22, 0.37, 0.37
HSL	24°, 24%, 51%
HSV	24°, 37%, 63%
XYZ	24.1798, 23.0804, 15.4925
YIQ	132.7290, 28.5640, -0.0440

Conversions

Conversions Part 2

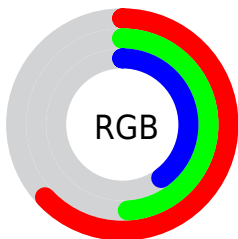
Format	Color
RYB	160, 141, 101
Decimal	10517861
CIELab	55.16, 10.11, 18.27
CIElCh	55, 20.882, 61.031
Yxy	23.0804, 0.3853, 0.3678
Android (android.graphics.Color)	4288707941 (0xFFA07D65)
YUV	132.7290, -15.6424, 23.9167
Hunter-Lab	48.0421, 5.7663, 14.5097

Details

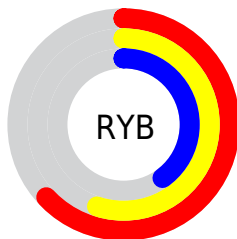
The XYZ color **24.1798, 23.0804, 15.4925** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.5159, 22.9124, 36.5990**, and the grayscale version is **22.2441, 23.4025, 25.4853**.

A 20% lighter version of the original color is **49.9068, 48.7067, 36.4767**, and **9.3137, 8.5610, 4.6516** is the 20% darker color. If you saturate the color by 10%, you get **22.3264, 20.5084, 11.3764**, and if you desaturate by 10%, it is **26.3018, 25.9453, 20.4517**.

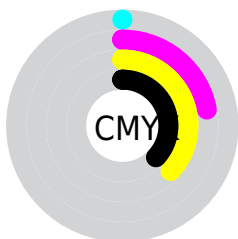
Distribution



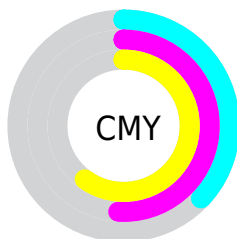
- Red (63%)
- Green (49%)
- Blue (40%)



- Red (63%)
- Yellow (55%)
- Blue (40%)



- Cyan (0%)
- Magenta (22%)
- Yellow (37%)
- Black (37%)





- Cyan (37%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1798, 23.0804, 15.4925 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 24.1798, 23.0804, 15.4925 by changing the saturation by 10% instead.


 24.1798, 23.0804,
15.4925


 24.1798, 23.0804,
15.4925


266.1519,
268.1377, 238.0707


 15.5925, 14.6529,
9.0153


 49.7760, 48.5253,
36.4693


 9.3253, 8.5761,
4.6542


 67.5156, 66.3115,
51.8061

 5.0128, 4.4658,
1.9907

 89.0367, 87.9860,
70.9330

 2.2896, 1.9374,
0.5495

 114.7046,
113.9333, 94.2688

 0.7893, 0.5707,
0.0000

144.8848,
144.5377, 122.2319

 0.0000, 0.0000,
0.0000

179.9424,

180.1836, 155.2409

220.2430,
221.2555, 193.7143

■ 24.1798, 23.0804,
15.4925

■ 24.1798, 23.0804,
15.4925

■ 22.3264, 20.5084,
11.3764

■ 26.3018, 25.9453,
20.4517

■ 20.7278, 18.2161,
8.0540

■ 28.7020, 29.1092,
26.2966

■ 19.3715, 16.1939,
5.4730

■ 31.3914, 32.5822,
33.0688

■ 18.2427, 14.4303,
3.5742

■ 34.3801, 36.3728,
40.8065

■ 17.3252, 12.9129,
2.2888

■ 37.6775, 40.4892,
49.5461

■ 16.5954, 11.6261,
1.5130

■ 41.2927, 44.9394,
59.3219

■ 16.3929, 11.2650,
1.3104

■ 45.2342, 49.7309,
70.1666

■ 49.5104, 54.8710,
82.1114

■ 54.1292, 60.3670,
95.1863

Harmonies

Analogous

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



26.0051, 23.0804, 19.0789



24.1798, 23.0804, 15.4925



21.8567, 23.0804, 14.3598

Triad

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



24.1798, 23.0804, 15.4925



17.7552, 23.0804, 25.3622



24.3291, 23.0804, 37.8086

Complementary

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



24.1798, 23.0804, 15.4925



20.5159, 22.9124, 36.5990

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.



22.0179, 23.0804, 40.2686



24.1798, 23.0804, 15.4925



18.3173, 23.0804, 32.3433

Square

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



24.1798, 23.0804, 15.4925



18.2459, 23.0804, 19.4136



19.8378, 23.0804, 38.1125



26.0955, 23.0804, 31.8725

Rectangle

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



24.1798, 23.0804, 15.4925



20.3682, 23.0804, 14.9550



19.8378, 23.0804, 38.1125



23.5849, 23.0804, 39.1122

Sweetspot

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



24.1804, 23.0815, 15.4930



54.8138, 56.3545, 54.4981



23.6235, 18.5702, 25.7814



11.8871, 12.1858, 11.6137



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.



24.1804, 23.0815, 15.4930



41.1820, 38.1419, 22.0508



28.4184, 31.5575, 16.9056



6.8436, 7.0671, 6.9891



12.8110, 8.8576, 1.0345



0.2695, 0.2392, 0.0320

Inverse Universe

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



20.5159, 22.9124, 36.5990



33.5597, 37.7763, 65.9093



16.9595, 15.7996, 35.4135



6.5953, 7.0564, 8.4211



8.1680, 8.4276, 27.1034



0.1869, 0.2324, 0.4982

Previews

White Background



This preview shows how the XYZ color 24.1798, 23.0804, 15.4925 looks on a white background.

Color Contrast Check

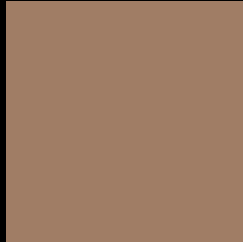
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1798, 23.0804, 15.4925 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 24.1798, 23.0804, 15.4925

Background



This preview shows how black text looks on a background with the XYZ color 24.1798, 23.0804, 15.4925.



This preview shows how white text looks on a background with the XYZ color 24.1798, 23.0804,

15.4925.

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

24.1798, 23.0804, 15.4925

Protanopia

21.7345, 23.1647, 16.4224

Deuteranopia

23.6486, 23.1862, 15.5409



Tritanopia

25.9709, 23.0730, 24.2038

Trichromacy



Original Color

24.1798, 23.0804, 15.4925

Protanomaly

22.5112, 22.9757, 16.0802

Deuteranomaly

23.7144, 23.0294, 15.5071

Tritanomaly

25.1896, 22.9324, 20.5515

Monochromacy



Original Color

24.1798, 23.0804, 15.4925

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.7615, 23.1854, 21.3647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1798, 23.0804, 15.4925 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, 125, 101)` looks like.

```
.text, #text, p{  
    color:rgb(160, 125, 101)  
}
```

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, 125, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 125, 101) }
```

Border

The CSS property to change the border of an element to XYZ 24.1798, 23.0804, 15.4925 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, 125, 101) }
```


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

```
.border{ border-color:rgb(160, 125, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 125, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 125, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 125, 101);  
box-shadow:4px 4px 4px 4px rgb(160, 125,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1798, 23.0804, 15.4925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 125, 101) }
```

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

```
.background{ background-color: rgb(160,  
125, 101) }
```

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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