

Converting Colors

XYZ(24.2804, 19.4589, 15.1316)

Have a look what the booklet for
XYZ(24.2804, 19.4589, 15.1316)
contains.

XYZ(24.2618, 19.4305, 15.0421)	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(24.2618, 19.4305,
15.0421)**

Conversions

Conversions Part 1

Format	Color
Hex	AC6766
RGB	172, 103, 102
RGB Percent	67%, 40%, 40%
CMY	0.3255, 0.5961, 0.6000
CMYK	0.00, 0.40, 0.41, 0.33
HSL	1°, 30%, 54%
HSV	1°, 41%, 67%
XYZ	24.2618, 19.4305, 15.0421
YIQ	123.5170, 41.4450, 14.3170

Conversions

Conversions Part 2

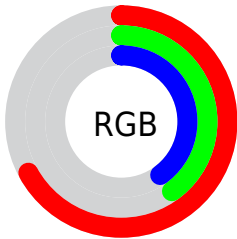
Format	Color
R_{YB}	172, 103, 102
Decimal	11298662
CIE _{Lab}	51.19, 27.57, 12.45
CIE _{LCh}	51, 30.255, 24.298
Yxy	19.4305, 0.4131, 0.3308
Android (android.graphics.Color)	4289488742 (0xFFAC6766)
YUV	123.5170, -10.6079, 42.5196
Hunter-Lab	44.0800, 21.1069, 10.6236

Details

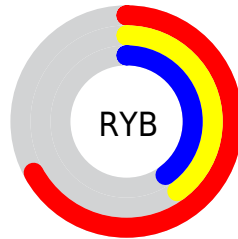
The XYZ color **24.2618, 19.4305, 15.0421** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.4881, 34.9276, 44.3226**, and the grayscale version is **19.0226, 20.0133, 21.7945**.

A 20% lighter version of the original color is **49.7842, 42.4006, 35.6972**, and **9.3449, 6.6961, 4.4144** is the 20% darker color. If you saturate the color by 10%, you get **21.9770, 16.0872, 10.4997**, and if you desaturate by 10%, it is **27.0665, 23.5303, 20.6313**.

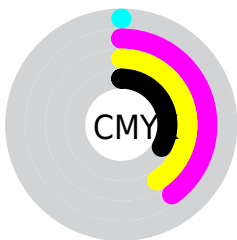
Distribution



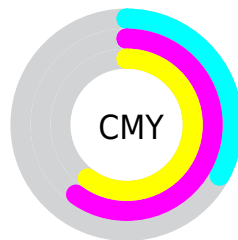
- Red (67%)
- Green (40%)
- Blue (40%)



- Red (67%)
- Yellow (40%)
- Blue (40%)



- Cyan (0%)
- Magenta (40%)
- Yellow (41%)
- Black (33%)





- Cyan (33%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.2618, 19.4305, 15.0421 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 24.2618, 19.4305, 15.0421 by changing the saturation by 10% instead.

 24.2618, 19.4305,
15.0421


 24.2618, 19.4305,
15.0421


266.5574,
248.8152, 235.2704


 15.6537, 11.9818,
8.7020


 49.9087, 42.4603,
35.6704


 9.3687, 6.7313,
4.4532


 67.6781, 58.8101,
50.7956

 5.0415, 3.2946,
1.8771


 89.2322, 78.8958,
69.6863

 2.3066, 1.2874,
0.4781

 114.9360,
103.1016, 92.7610

 0.7981, 0.1314,
0.0000

145.1551,
131.8121, 120.4382

 0.0000, 0.0000,
0.0000

180.2548,

165.4116, 153.1365

220.6004,
204.2845, 191.2744

■ 24.2618, 19.4305,
15.0421

■ 24.2618, 19.4305,
15.0421

■ 21.9770, 16.0872,
10.4997

■ 27.0665, 23.5303,
20.6313

■ 20.1787, 13.4515,
6.9381

■ 30.4188, 28.4258,
27.3257

■ 18.8321, 11.4734,
4.2852


■ 34.3461, 34.1570,
35.1806


■ 17.8973, 10.0950,
2.4589


■ 38.8735, 40.7604,
44.2473


■ 17.3270, 9.2485,
1.3621


■ 44.0248, 48.2703,
54.5742

 17.0400, 8.8242,
0.8051

 49.8224, 56.7191,
66.2067

 56.2876, 66.1376,
79.1884

 63.4408, 76.5554,
93.5605

 70.8232, 87.5107,
107.7662

Harmonies

Analogous

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



24.8471, 19.4305, 22.8465



24.2618, 19.4305, 15.0421



22.0560, 19.4305, 10.3482

Triad

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



24.2618, 19.4305, 15.0421



14.1552, 19.4305, 12.8823



17.8990, 19.4305, 42.3096

Complementary

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



24.2618, 19.4305, 15.0421



27.4881, 34.9276, 44.3226

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.



15.2921, 19.4305, 37.6751



24.2618, 19.4305, 15.0421



13.2865, 19.4305, 19.5520

Square

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



24.2618, 19.4305, 15.0421



16.1872, 19.4305, 9.3591



13.6790, 19.4305, 28.7371



20.9537, 19.4305, 40.1468

Rectangle

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



24.2618, 19.4305, 15.0421



20.0792, 19.4305, 8.8743



13.6790, 19.4305, 28.7371



16.9455, 19.4305, 41.4636

Sweetspot

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



24.2623, 19.4315, 15.0425



61.1585, 60.2876, 61.5206



29.2111, 21.2521, 41.5922



13.0902, 12.8087, 12.9679



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



24.2623, 19.4315, 15.0425



40.1751, 29.6320, 19.6545



28.3573, 27.6214, 16.4075



8.0141, 8.0331, 8.3415



12.6841, 6.5737, 0.6003



0.3558, 0.1887, 0.0177

Inverse Universe

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



27.4881, 34.9276, 44.3226



46.8465, 61.6914, 80.2443



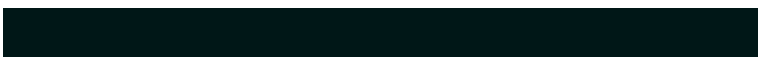
21.8717, 23.6948, 42.4505



8.2263, 9.0521, 10.2663



16.1771, 23.4880, 32.7255



0.4531, 0.6595, 0.9114

Previews

White Background



This preview shows how the XYZ color 24.2618, 19.4305, 15.0421 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 24.2618, 19.4305, 15.0421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

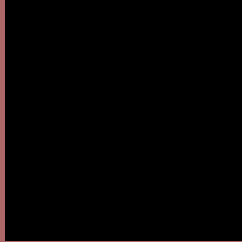
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2618, 19.4305, 15.0421

Background



This preview shows how black text looks on a background with the XYZ color 24.2618, 19.4305, 15.0421.



This preview shows how white text looks on a background with the XYZ color 24.2618, 19.4305,

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

24.2618, 19.4305, 15.0421

Protanopia

18.6366, 19.6009, 18.1303

Deuteranopia

19.8859, 19.6085, 14.5411



Tritanopia

24.7453, 19.4911, 16.9259

Trichromacy



Original Color

24.2618, 19.4305, 15.0421

Protanomaly

20.1652, 19.1838, 16.8274

Deuteranomaly

21.3422, 19.5027, 14.6961

Tritanomaly

24.5865, 19.4276, 16.0897

Monochromacy



Original Color

24.2618, 19.4305, 15.0421

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.3823, 19.4145, 19.1961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2618, 19.4305, 15.0421 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(172, 103, 102)` looks like.

```
.text, #text, p{  
    color:rgb(172, 103, 102)  
}
```

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(172, 103, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 103, 102) }
```

Border

The CSS property to change the border of an element to XYZ 24.2618, 19.4305, 15.0421 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(172, 103, 102) }
```


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

```
.border{ border-color:rgb(172, 103, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 103, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 103, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 103, 102);  
box-shadow:4px 4px 4px 4px rgb(172, 103,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2618, 19.4305, 15.0421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 103, 102) }
```

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

```
.background{ background-color: rgb(172,  
103, 102) }
```

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