

Converting Colors

XYZ(24.1986, 19.2803, 15.1188)

Have a look what the booklet for
XYZ(24.1986, 19.2803, 15.1188)
contains.

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Color

**XYZ(24.1629, 19.2327,
15.0091)**

Conversions

Conversions Part 1

Format	Color
Hex	AC6666
RGB	172, 102, 102
RGB Percent	67%, 40%, 40%
CMY	0.3255, 0.6000, 0.6000
CMYK	0.00, 0.41, 0.41, 0.33
HSL	0°, 30%, 54%
HSV	0°, 41%, 67%
XYZ	24.1629, 19.2327, 15.0091
YIQ	122.9300, 41.7200, 14.8400

Conversions

Conversions Part 2

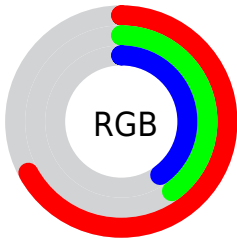
Format	Color
RYB	172, 102, 102
Decimal	11298406
CIELab	50.96, 28.13, 12.13
CIELCh	51, 30.634, 23.328
Yxy	19.2327, 0.4137, 0.3293
Android (android.graphics.Color)	4289488486 (0xFFAC6666)
YUV	122.9300, -10.3185, 43.0344
Hunter-Lab	43.8551, 21.6019, 10.4070

Details

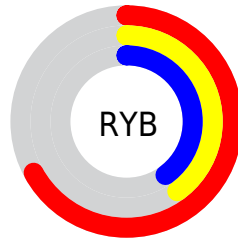
The XYZ color **24.1629, 19.2327, 15.0091** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.6777, 35.3069, 44.3859**, and the grayscale version is **18.8274, 19.8079, 21.5708**.

A 20% lighter version of the original color is **49.6185, 42.0691, 35.6420**, and **9.2988, 6.6039, 4.3990** is the 20% darker color. If you saturate the color by 10%, you get **21.8783, 15.8898, 10.4668**, and if you desaturate by 10%, it is **26.9762, 23.3496, 20.6011**.

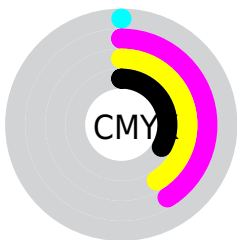
Distribution



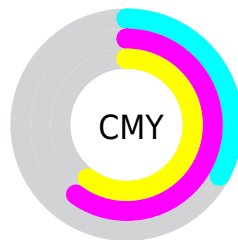
- Red (67%)
- Green (40%)
- Blue (40%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1629, 19.2327, 15.0091 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 24.1629, 19.2327, 15.0091 by changing the saturation by 10% instead.


 24.1629, 19.2327,
15.0091

 24.1629, 19.2327,
15.0091


266.0682,
247.7304, 235.0640


 15.5799, 11.8385,
8.6791


 49.7486, 42.1269,
35.6117


 9.3163, 6.6338,
4.4385


 67.4821, 58.3958,
50.7213

 5.0068, 3.2342,
1.8689

 88.9964, 78.3917,
69.5946

 2.2861, 1.2552,
0.4728

 114.6569,
102.4990, 92.6500

 0.7875, 0.1061,
0.0000

144.8290,
131.1022, 120.3061

 0.0000, 0.0000,
0.0000

179.8780,

164.5855, 152.9814

220.1693,
203.3335, 191.0945

■ 24.1629, 19.2327,
15.0091

■ 24.1629, 19.2327,
15.0091

■ 21.8783, 15.8898,
10.4668

■ 26.9762, 23.3496,
20.6011

■ 20.0879, 13.2700,
6.9078

■ 30.3467, 28.2816,
27.3016

■ 18.7558, 11.3206,
4.2597

■ 34.3028, 34.0704,
35.1661

■ 17.8403, 9.9809,
2.4399

■ 38.8702, 40.7539,
44.2462

■ 17.2922, 9.1789,
1.3505

■ 44.0736, 48.3679,
54.5903

■ 17.0134, 8.7709,
0.7962

■ 49.9358, 56.9459,
66.2445

■ 56.4789, 66.5202,
79.2521

■ 63.7237, 77.1212,
93.6547

■ 70.8233, 87.5107,
107.7662

Harmonies

Analogous

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



24.6924, 19.2327, 22.9382



24.1629, 19.2327, 15.0091



21.9815, 19.2327, 10.2142

Triad

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



24.1629, 19.2327, 15.0091



13.9976, 19.2327, 12.4796



17.6122, 19.2327, 42.2457

Complementary

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



24.1629, 19.2327, 15.0091



27.6777, 35.3069, 44.3859

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.



15.0195, 19.2327, 37.3595



24.1629, 19.2327, 15.0091



13.0868, 19.2327, 19.0635

Square

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



24.1629, 19.2327, 15.0091



16.0706, 19.2327, 9.0605



13.4392, 19.2327, 28.2605



20.6834, 19.2327, 40.2814

Rectangle

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



24.1629, 19.2327, 15.0091



20.0014, 19.2327, 8.6871



13.4392, 19.2327, 28.2605



16.6605, 19.2327, 41.3140

Sweetspot

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



24.1634, 19.2337, 15.0095



61.0708, 60.1121, 61.4913



29.2111, 21.2521, 41.5922



13.0696, 12.7675, 12.9610



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.



24.1634, 19.2337, 15.0095



39.9954, 29.2728, 19.5946



28.3573, 27.6214, 16.4074



8.0053, 8.0154, 8.3386



12.6607, 6.5270, 0.5925



0.3522, 0.1816, 0.0165

Inverse Universe

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



27.6777, 35.3069, 44.3859



47.2678, 62.5339, 80.3848



21.8717, 23.6948, 42.4505



8.2363, 9.0720, 10.2697



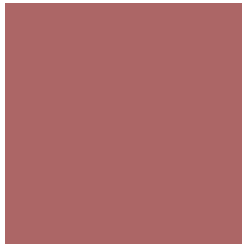
16.5182, 24.1703, 32.8392



0.4595, 0.6724, 0.9136

Previews

White Background



This preview shows how the XYZ color 24.1629, 19.2327, 15.0091 looks on a white background.

Color Contrast Check

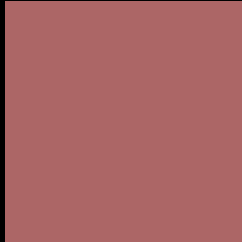
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1629, 19.2327, 15.0091 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 24.1629, 19.2327, 15.0091

Background



This preview shows how black text looks on a background with the XYZ color 24.1629, 19.2327, 15.0091.



This preview shows how white text looks on a background with the XYZ color 24.1629, 19.2327,

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

24.1629, 19.2327, 15.0091

Protanopia

18.3662, 19.2802, 18.0827

Deuteranopia

19.5979, 19.2862, 14.4941



Tritanopia

24.5940, 19.2743, 16.6114

Trichromacy



Original Color

24.1629, 19.2327, 15.0091

Protanomaly

20.0518, 18.9570, 16.7896

Deuteranomaly

21.0433, 19.1838, 14.6503

Tritanomaly

24.4888, 19.2322, 16.0572

Monochromacy



Original Color

24.1629, 19.2327, 15.0091

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.2098, 19.1620, 18.8531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1629, 19.2327, 15.0091 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, 102, 102)` looks like.

```
.text, #text, p{  
    color:rgb(172, 102, 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, 102, 102) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 24.1629, 19.2327, 15.0091 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, 102, 102) }
```


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

```
.border{ border-color:rgb(172, 102, 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, 102, 102)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 24.1629, 19.2327, 15.0091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(172,  
102, 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](#).

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