

Converting Colors

XYZ(24.3019, 19.0545, 13.2235)

Have a look what the booklet for
XYZ(24.3019, 19.0545, 13.2235)
contains.

XYZ(24.3019, 19.0545, 13.2235)	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(24.3019, 19.0545,
13.2235)**

Conversions

Conversions Part 1

Format	Color
Hex	AF645F
RGB	175, 100, 95
RGB Percent	69%, 39%, 37%
CMY	0.3137, 0.6078, 0.6274
CMYK	0.00, 0.43, 0.46, 0.31
HSL	4°, 33%, 53%
HSV	4°, 46%, 69%
XYZ	24.3019, 19.0545, 13.2235
YIQ	121.8550, 46.3050, 14.3450

Conversions

Conversions Part 2

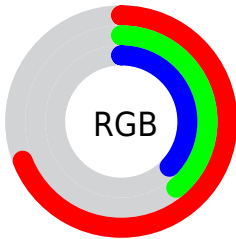
Format	Color
R_{YB}	175, 100, 95
Decimal	11494495
CIE _{Lab}	50.75, 29.63, 16.04
CIE _{LCh}	51, 33.695, 28.435
Yxy	19.0545, 0.4295, 0.3368
Android (android.graphics.Color)	4289684575 (0xFFAF645F)
YUV	121.8550, -13.2395, 46.6082
Hunter-Lab	43.6515, 22.9855, 12.5951

Details

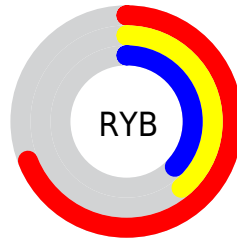
The XYZ color **24.3019, 19.0545, 13.2235** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.8311, 34.2759, 45.7591**, and the grayscale version is **18.4831, 19.4456, 21.1763**.

A 20% lighter version of the original color is **49.9433, 41.8244, 32.2287**, and **9.3460, 6.5113, 3.6700** is the 20% darker color. If you saturate the color by 10%, you get **22.1758, 15.9355, 9.0213**, and if you desaturate by 10%, it is **26.9245, 22.8805, 18.4731**.

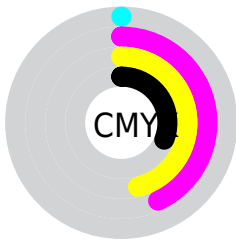
Distribution



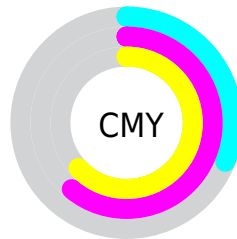
- Red (69%)
- Green (39%)
- Blue (37%)



- Red (69%)
- Yellow (39%)
- Blue (37%)



- Cyan (0%)
- Magenta (43%)
- Yellow (46%)
- Black (31%)





- Cyan (31%)
- Magenta (61%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.3019, 19.0545, 13.2235 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 24.3019, 19.0545, 13.2235 by changing the saturation by 10% instead.


 24.3019, 19.0545,
13.2235


 24.3019, 19.0545,
13.2235


266.7555,
246.7495, 223.6030


 15.6837, 11.7097,
7.4501


 49.9735, 41.8262,
32.4018

 9.3900, 6.5463,
3.6625


 67.7576, 58.0218,
46.6437

 5.0556, 3.1800,
1.4421

 89.3277, 77.9365,
64.5456

 2.3150, 1.2264,
0.1742

 115.0491,
101.9546, 86.5260

 0.8023, 0.0831,
0.0000

145.2873,
130.4606, 113.0034

 0.0000, 0.0000,
0.0000

180.4075,

163.8388, 144.3963

220.7751,
202.4736, 181.1234

■ 24.3019, 19.0545,
13.2235

■ 24.3019, 19.0545,
13.2235

■ 22.1758, 15.9355,
9.0213

■ 26.9245, 22.8805,
18.4731

■ 20.5135, 13.4776,
5.7953

■ 30.0708, 27.4503,
24.8329

■ 19.2807, 11.6340,
3.4672

■ 33.7674, 32.8011,
32.3617


■ 18.4377, 10.3502,
1.9458


■ 38.0391, 38.9673,
41.1142


■ 17.9362, 9.5623,
1.1158


■ 42.9089, 45.9809,
51.1414

 17.7982, 9.3521,
0.8671

 48.3986, 53.8722,
62.4915

 54.5290, 62.6703,
75.2102

 61.3198, 72.4025,
89.3409

 68.7900, 83.0954,
104.9253

Harmonies

Analogous

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



25.2449, 19.0545, 21.2486



24.3019, 19.0545, 13.2235



21.6498, 19.0545, 8.7716

Triad

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



24.3019, 19.0545, 13.2235



13.2122, 19.0545, 12.5955



17.9376, 19.0545, 44.8143

Complementary

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



24.3019, 19.0545, 13.2235



26.8311, 34.2759, 45.7591

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.



14.9801, 19.0545, 40.4691



24.3019, 19.0545, 13.2235



12.4658, 19.0545, 20.2535

Square

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



24.3019, 19.0545, 13.2235



15.2468, 19.0545, 8.4943



13.0720, 19.0545, 30.6901



21.3126, 19.0545, 41.2508

Rectangle

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



24.3019, 19.0545, 13.2235



19.4165, 19.0545, 7.5255



13.0720, 19.0545, 30.6901



16.8649, 19.0545, 44.2102

Sweetspot

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



24.3024, 19.0555, 13.2239



61.5368, 60.2782, 60.1263



29.1221, 20.2388, 40.8996



13.3392, 12.9090, 12.6730



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



24.3024, 19.0555, 13.2239



39.6364, 28.4225, 16.0006



28.9774, 28.4055, 14.7822



8.0440, 8.0928, 8.3515



12.7628, 6.7311, 0.6266



0.3678, 0.2127, 0.0217

Inverse Universe

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



26.8311, 34.2759, 45.7591



44.7208, 59.1127, 81.6897



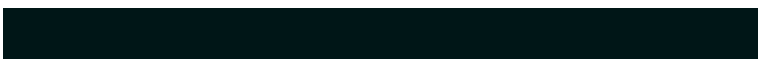
20.5736, 21.7608, 43.6732



8.1928, 8.9850, 10.2552



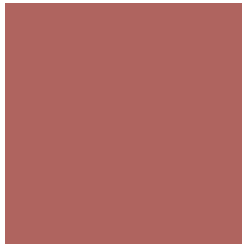
15.0720, 21.2778, 32.3572



0.4319, 0.6171, 0.9043

Previews

White Background



This preview shows how the XYZ color 24.3019, 19.0545, 13.2235 looks on a white background.

Color Contrast Check

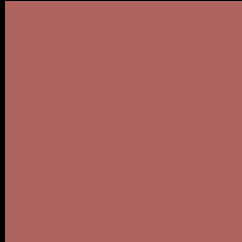
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3019, 19.0545, 13.2235 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 24.3019, 19.0545, 13.2235

Background



This preview shows how black text looks on a background with the XYZ color 24.3019, 19.0545, 13.2235.

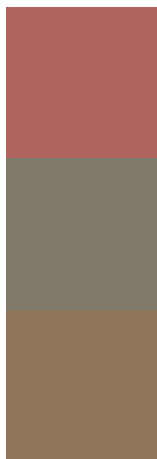


This preview shows how white text looks on a background with the XYZ color 24.3019, 19.0545,

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

24.3019, 19.0545, 13.2235

Protanopia

18.1396, 19.2067, 16.1158

Deuteranopia

19.5049, 19.1031, 12.7845



Tritanopia

24.8737, 19.0061, 15.9932

Trichromacy



Original Color

24.3019, 19.0545, 13.2235

Protanomaly

19.7557, 18.6791, 14.8761

Deuteranomaly

21.0693, 18.9107, 12.8956

Tritanomaly

24.7646, 19.1131, 14.9543

Monochromacy



Original Color

24.3019, 19.0545, 13.2235

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.9264, 18.8672, 17.9207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3019, 19.0545, 13.2235 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(175, 100, 95)` looks like.

```
.text, #text, p{  
    color:rgb(175, 100, 95)  
}
```

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(175, 100, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 100, 95) }
```

Border

The CSS property to change the border of an element to XYZ 24.3019, 19.0545, 13.2235 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(175, 100, 95) }
```


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

```
.border{ border-color:rgb(175, 100, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 100, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 100, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 100, 95);  
box-shadow:4px 4px 4px 4px rgb(175, 100,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3019, 19.0545, 13.2235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 100, 95) }
```

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

```
.background{ background-color: rgb(175,  
100, 95) }
```

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