

Converting Colors

XYZ(25.2545, 19.8794, 14.8241)

Have a look what the booklet for
XYZ(25.2545, 19.8794, 14.8241)
contains.

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Color

**XYZ(25.3307, 19.9872,
14.8348)**

Conversions

Conversions Part 1

Format	Color
Hex	B16765
RGB	177, 103, 101
RGB Percent	69%, 40%, 40%
CMY	0.3059, 0.5961, 0.6039
CMYK	0.00, 0.42, 0.43, 0.31
HSL	2°, 33%, 55%
HSV	2°, 43%, 69%
XYZ	25.3307, 19.9872, 14.8348
YIQ	124.8980, 44.7460, 15.0660

Conversions

Conversions Part 2

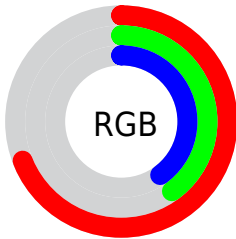
Format	Color
R_{YB}	177, 103, 101
Decimal	11626341
CIE Lab	51.82, 29.43, 14.02
CIE LCh	52, 32.597, 25.480
Yxy	19.9872, 0.4211, 0.3323
Android (android.graphics.Color)	4289816421 (0xFFB16765)
YUV	124.8980, -11.7817, 45.6935
Hunter-Lab	44.7070, 22.8995, 11.6212

Details

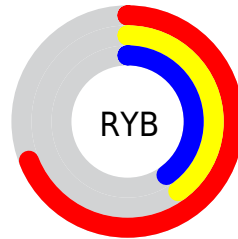
The XYZ color **25.3307, 19.9872, 14.8348** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.6319, 36.5995, 47.1503**, and the grayscale version is **19.4870, 20.5019, 22.3265**.

A 20% lighter version of the original color is **51.6498, 43.3719, 35.3551**, and **9.8702, 6.9696, 4.3151** is the 20% darker color. If you saturate the color by 10%, you get **23.0140, 16.5955, 10.2349**, and if you desaturate by 10%, it is **28.1885, 24.1622, 20.5368**.

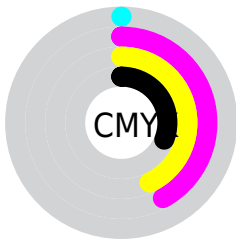
Distribution



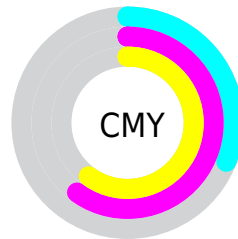
- Red (69%)
- Green (40%)
- Blue (40%)



- Red (69%)
- Yellow (40%)
- Blue (40%)



- Cyan (0%)
- Magenta (42%)
- Yellow (43%)
- Black (31%)





- Cyan (31%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3307, 19.9872, 14.8348 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 25.3307, 19.9872, 14.8348 by changing the saturation by 10% instead.

 25.3307, 19.9872,
14.8348


 25.3307, 19.9872,
14.8348

271.7982,
251.8458, 233.9704


 16.4537, 12.3857,
8.5582


 51.6322, 43.3957,
35.3013


 9.9386, 7.0070,
4.3613


 69.7875, 59.9716,
50.3283

 5.4202, 3.4664,
1.8256

 91.7661, 80.3077,
69.1091

 2.5331, 1.3798,
0.4447

 117.9335,
104.7884, 92.0624

 0.9120, 0.2018,
0.0000

148.6551,
133.7982, 119.6066

 0.0000, 0.0000,
0.0000

184.2962,

167.7215, 152.1603

225.2221,
206.9425, 190.1420

■ 25.3307, 19.9872,
14.8348

■ 25.3307, 19.9872,
14.8348

■ 23.0140, 16.5955,
10.2349

■ 28.1885, 24.1622,
20.5368

■ 21.2029, 13.9354,
6.6651

■ 31.6168, 29.1618,
27.4046

■ 19.8601, 11.9541,
4.0462


■ 35.6449, 35.0281,
35.4984


■ 18.9425, 10.5900,
2.2875


■ 40.2995, 41.7995,
44.8737


■ 18.3989, 9.7708,
1.2803


■ 45.6057, 49.5120,
55.5828

 18.1821, 9.4484,
0.8654

 51.5874, 58.1996,
67.6751

 58.2670, 67.8948,
81.1974

 65.6661, 78.6284,
96.1943

 71.9415, 88.0871,
107.8185

Harmonies

Analogous

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



26.0624, 19.9872, 23.2288



25.3307, 19.9872, 14.8348



22.8308, 19.9872, 9.9480

Triad

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



25.3307, 19.9872, 14.8348



14.2277, 19.9872, 12.9925



18.5008, 19.9872, 45.4142

Complementary

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



25.3307, 19.9872, 14.8348



28.6319, 36.5995, 47.1503

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.



15.6188, 19.9872, 40.4652



25.3307, 19.9872, 14.8348



13.3404, 19.9872, 20.3596

Square

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



25.3307, 19.9872, 14.8348



16.3925, 19.9872, 9.1209



13.8186, 19.9872, 30.5682



21.8642, 19.9872, 42.6732

Rectangle

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



25.3307, 19.9872, 14.8348



20.6355, 19.9872, 8.4712



13.8186, 19.9872, 30.5682



17.4481, 19.9872, 44.5627

Sweetspot

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



25.3312, 19.9882, 14.8352



63.6181, 62.4130, 63.1324



30.5953, 21.7787, 43.5273



13.4298, 13.0058, 12.9632



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.



25.3312, 19.9882, 14.8352



41.2355, 29.7485, 18.3663



29.8976, 29.1210, 16.3573



8.5137, 8.5400, 8.8522



13.1807, 6.8599, 0.6294



0.4206, 0.2277, 0.0218

Inverse Universe

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



28.6319, 36.5995, 47.1503



47.9556, 63.5954, 84.2429



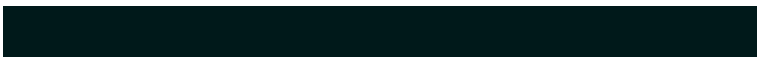
22.3531, 24.0418, 45.0574



8.7231, 9.5923, 10.8981



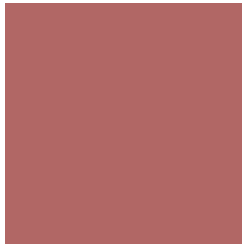
16.4918, 23.7839, 33.8585



0.5249, 0.7603, 1.0673

Previews

White Background



This preview shows how the XYZ color 25.3307, 19.9872, 14.8348 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 25.3307, 19.9872, 14.8348 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 25.3307, 19.9872, 14.8348

Background



This preview shows how black text looks on a background with the XYZ color 25.3307, 19.9872, 14.8348.



This preview shows how white text looks on a background with the XYZ color 25.3307, 19.9872,

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

25.3307, 19.9872, 14.8348

Protanopia

19.1302, 20.2301, 17.9355

Deuteranopia

20.4785, 20.0952, 14.3547



Tritanopia

25.8718, 20.0718, 16.9787

Trichromacy



Original Color

25.3307, 19.9872, 14.8348

Protanomaly

20.7533, 19.6633, 16.6115

Deuteranomaly

22.0619, 19.8792, 14.4787

Tritanomaly

25.7130, 20.0083, 16.1424

Monochromacy



Original Color

25.3307, 19.9872, 14.8348

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.0153, 19.9128, 19.2589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3307, 19.9872, 14.8348 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(177, 103, 101)` looks like.

```
.text, #text, p{  
    color:rgb(177, 103, 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(177, 103, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 103, 101) }
```

Border

The CSS property to change the border of an element to XYZ 25.3307, 19.9872, 14.8348 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(177, 103, 101) }
```


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

```
.border{ border-color:rgb(177, 103, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 103, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 103, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 103, 101);  
box-shadow:4px 4px 4px 4px rgb(177, 103,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3307, 19.9872, 14.8348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 103, 101) }
```

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

```
.background{ background-color: rgb(177,  
103, 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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