

Converting Colors

XYZ(30.5358, 30.5305, 23.4277)

Have a look what the booklet for
XYZ(30.5358, 30.5305, 23.4277)
contains.

XYZ(30.4945, 30.5591, 23.3600)	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(30.4945, 30.5591,
23.3600)**

Conversions

Conversions Part 1

Format	Color
Hex	AA927C
RGB	170, 146, 124
RGB Percent	67%, 57%, 49%
CMY	0.3333, 0.4274, 0.5137
CMYK	0.00, 0.14, 0.27, 0.33
HSL	29°, 21%, 58%
HSV	29°, 27%, 67%
XYZ	30.4945, 30.5591, 23.3600
YIQ	150.6680, 21.3660, -1.7540

Conversions

Conversions Part 2

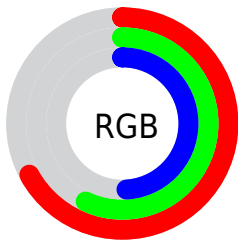
Format	Color
RYB	170, 166, 124
Decimal	11178620
CIELab	62.13, 5.51, 14.98
CIElCh	62, 15.965, 69.811
Yxy	30.5591, 0.3613, 0.3620
Android (android.graphics.Color)	4289368700 (0xFFAA927C)
YUV	150.6680, -13.1473, 16.9542
Hunter-Lab	55.2803, 1.7262, 13.6418

Details

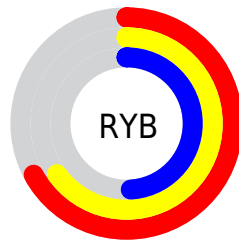
The XYZ color **30.4945, 30.5591, 23.3600** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.1574, 28.3661, 42.1267**, and the grayscale version is **29.3222, 30.8492, 33.5948**.

A 20% lighter version of the original color is **59.9541, 60.6516, 50.1420**, and **12.7890, 12.6556, 8.4253** is the 20% darker color. If you saturate the color by 10%, you get **28.1965, 27.5378, 17.7394**, and if you desaturate by 10%, it is **33.0855, 33.8695, 29.9934**.

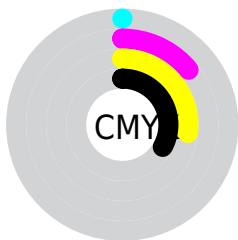
Distribution



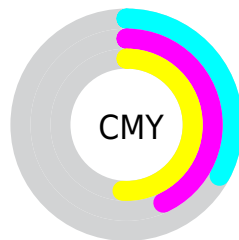
- Red (67%)
- Green (57%)
- Blue (49%)



- Red (67%)
- Yellow (65%)
- Blue (49%)



- Cyan (0%)
- Magenta (14%)
- Yellow (27%)
- Black (33%)





- Cyan (33%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4945, 30.5591, 23.3600 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 30.4945, 30.5591, 23.3600 by changing the saturation by 10% instead.


 30.4945, 30.5591,
23.3600


 30.4945, 30.5591,
23.3600


296.0713,
304.5019, 282.7503

 20.3642, 20.2633,
14.6518


 59.8246, 60.5452,
49.9144

 12.7698, 12.5866,
8.4315


 79.7551, 81.0044,
68.5977

 7.3461, 7.1445,
4.2805


 103.6830,
105.6202, 91.4431

 3.7278, 3.5526,
1.7805

131.9737,
134.7770, 118.8691

 1.5493, 1.4266,
0.4150

164.9925,
168.8592, 151.2943

 0.3590, 0.2362,
0.0000

203.1048,

 0.0000, 0.0000,

208.2511, 189.1372

0.0000

246.6760,
253.3372, 232.8163

■ 30.4945, 30.5591,
23.3600

■ 30.4945, 30.5591,
23.3600

■ 28.1965, 27.5378,
17.7394

■ 33.0855, 33.8695,
29.9934

■ 26.1773, 24.7927,
13.0789

■ 35.9783, 37.4729,
37.6850

■ 24.4248, 22.3163,
9.3237

■ 39.1842, 41.3785,
46.4796

■ 22.9249, 20.0987,
6.4127

■ 42.7131, 45.5938,
56.4191

■ 21.6622, 18.1294,
4.2772

■ 46.5745, 50.1260,
67.5428

■ 20.6189, 16.3970,
2.8373

■ 50.7776, 54.9820,
79.8886

■ 19.7697, 14.8865,
1.9750

■ 55.3310, 60.1684,
93.4922

■ 19.5438, 14.4785,
1.7646

■ 59.4273, 65.3655,
104.0924

■ 61.7742, 70.0593,
104.8747

Harmonies

Analogous

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



32.3354, 30.5591, 26.2598



30.4945, 30.5591, 23.3600



28.3473, 30.5591, 22.9252

Triad

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



30.4945, 30.5591, 23.3600



25.1625, 30.5591, 35.3304



31.7712, 30.5591, 43.2131

Complementary

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



30.4945, 30.5591, 23.3600



26.1574, 28.3661, 42.1267

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.



29.7550, 30.5591, 46.3445



30.4945, 30.5591, 23.3600



25.9867, 30.5591, 41.4369

Square

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



30.4945, 30.5591, 23.3600



25.3386, 30.5591, 29.3557



27.6432, 30.5591, 45.6572



33.0973, 30.5591, 37.5256

Rectangle

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



30.4945, 30.5591, 23.3600



27.0401, 30.5591, 24.0287



27.6432, 30.5591, 45.6572



31.1477, 30.5591, 44.6295

Sweetspot

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



30.4953, 30.5605, 23.3606



64.6813, 67.2538, 66.7631



29.1730, 25.1167, 31.5494



14.2454, 14.7768, 14.4082



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.



30.4953, 30.5605, 23.3606



52.9634, 52.3571, 36.5322



34.3046, 38.1792, 24.6304



7.8160, 8.1122, 7.9431



14.4319, 10.7611, 1.3164



0.4026, 0.3648, 0.0492

Inverse Universe

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



26.1574, 28.3661, 42.1267



43.8608, 47.7515, 75.9071



22.9695, 21.9903, 41.0641



7.4434, 7.9237, 9.5555



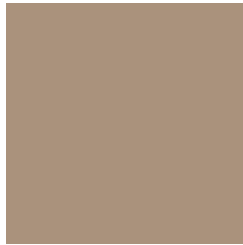
8.0019, 7.4640, 28.9944



0.2455, 0.2831, 0.7224

Previews

White Background



This preview shows how the XYZ color 30.4945, 30.5591, 23.3600 looks on a white background.

Color Contrast Check

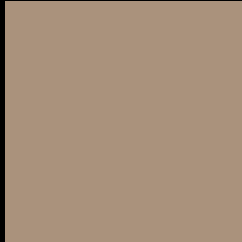
Large Text (above 18pt) WCAG AA × Fail

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 30.4945, 30.5591, 23.3600 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 ✓ Pass

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

XYZ 30.4945, 30.5591, 23.3600

Background



This preview shows how black text looks on a background with the XYZ color 30.4945, 30.5591, 23.3600.



This preview shows how white text looks on a background with the XYZ color 30.4945, 30.5591,

23.3600.

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

30.4945, 30.5591, 23.3600

Protanopia

28.7728, 30.5882, 24.1263

Deuteranopia

31.0669, 30.4004, 23.2992



Tritanopia

32.6564, 30.5301, 34.3087

Trichromacy



Original Color

30.4945, 30.5591, 23.3600

Protanomaly

29.3494, 30.6569, 23.7725

Deuteranomaly

30.9971, 30.5903, 23.3396

Tritanomaly

31.7182, 30.3686, 29.7812

Monochromacy



Original Color

30.4945, 30.5591, 23.3600

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.6557, 30.6871, 29.5595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4945, 30.5591, 23.3600 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(170, 146, 124)` looks like.

```
.text, #text, p{  
    color:rgb(170, 146, 124)  
}
```

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(170, 146, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 146, 124) }
```

Border

The CSS property to change the border of an element to XYZ 30.4945, 30.5591, 23.3600 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(170, 146, 124) }
```


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

```
.border{ border-color:rgb(170, 146, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 146, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 146, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 146, 124);  
box-shadow:4px 4px 4px 4px rgb(170, 146,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4945, 30.5591, 23.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 146, 124) }
```

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

```
.background{ background-color: rgb(170,  
146, 124) }
```

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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