

Converting Colors

XYZ(28.4314, 30.1210, 25.6683)

Have a look what the booklet for
XYZ(28.4314, 30.1210, 25.6683)
contains.

XYZ(28.5545, 30.2015, 25.7972)	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(28.5545, 30.2015,
25.7972)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9583
RGB	156, 149, 131
RGB Percent	61%, 58%, 51%
CMY	0.3882, 0.4157, 0.4863
CMYK	0.00, 0.04, 0.16, 0.39
HSL	43°, 11%, 56%
HSV	43°, 16%, 61%
XYZ	28.5545, 30.2015, 25.7972
YIQ	149.0410, 9.9500, -4.1140

Conversions

Conversions Part 2

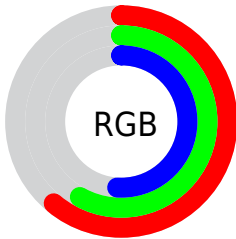
Format	Color
RYB	141, 156, 131
Decimal	10261891
CIELab	61.83, -0.59, 10.43
CIELCh	62, 10.446, 93.236
Yxy	30.2015, 0.3377, 0.3572
Android (android.graphics.Color)	4288451971 (0xFF9C9583)
YUV	149.0410, -8.8942, 6.1030
Hunter-Lab	54.9559, -3.4261, 10.6374

Details

The XYZ color **28.5545, 30.2015, 25.7972** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.4492, 25.4021, 35.0673**, and the grayscale version is **28.6183, 30.1087, 32.7883**.

A 20% lighter version of the original color is **56.8716, 60.0214, 53.9352**, and **11.7164, 12.3478, 9.7485** is the 20% darker color. If you saturate the color by 10%, you get **26.8982, 28.4553, 20.4157**, and if you desaturate by 10%, it is **30.3975, 32.0659, 32.0272**.

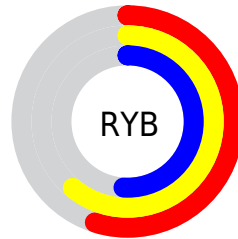
Distribution



Red (61%)

Green (58%)

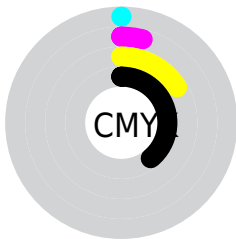
Blue (51%)



Red (55%)

Yellow (61%)

Blue (51%)

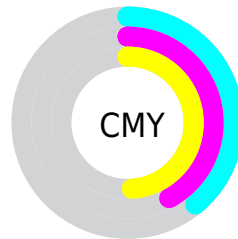


Cyan (0%)

Magenta (4%)

Yellow (16%)

Black (39%)



Cyan (39%)

Magenta (42%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5545, 30.2015, 25.7972 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 28.5545, 30.2015, 25.7972 by changing the saturation by 10% instead.

■ 28.5545, 30.2015,
25.7972

■ 28.5545, 30.2015,
25.7972

287.1394,
302.8426, 295.3589

■ 18.8866, 19.9916,
16.4476

■ 56.7710, 59.9807,
53.9277

■ 11.6919, 12.3889,
9.6837

■ 76.0504, 80.3188,
73.5456

■ 6.6050, 7.0091,
5.0869

■ 99.2643, 104.8017,
97.4234

■ 3.2604, 3.4678,
2.2387

126.7781,
133.8138, 125.9795

■ 1.2929, 1.3806,
0.6966

158.9571,
167.7396, 159.6326

■ 0.1779, 0.2023,
0.0000

196.1668,

■ 0.0000, 0.0000,

206.9633, 198.8012

0.0000

238.7724,
251.8695, 243.9037

■ 28.5545, 30.2015,
25.7972

■ 28.5545, 30.2015,
25.7972

■ 26.8982, 28.4553,
20.4157

■ 30.3975, 32.0659,
32.0272

■ 25.4189, 26.8199,
15.8432

■ 32.4318, 34.0476,
39.1388

■ 24.1094, 25.2930,
12.0402

■ 34.6647, 36.1511,
47.1658

■ 22.9612, 23.8706,
8.9628

■ 37.1024, 38.3792,
56.1396

■ 21.9648, 22.5486,
6.5629

■ 39.7509, 40.7348,
66.0901

■ 21.1098, 21.3222,
4.7864

■ 42.6158, 43.2206,
77.0458

■ 20.3838, 20.1862,
3.5710

■ 45.7025, 45.8391,
89.0343

■ 19.7702, 19.1331,
2.8291

■ 48.8870, 48.5410,
101.4005

■ 19.5422, 18.7314,
2.5855

■ 49.8076, 50.3823,
101.7073

Harmonies

Analogous

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



29.9302, 30.2015, 26.4928



28.5545, 30.2015, 25.7972



27.2608, 30.2015, 26.8699

Triad

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



28.5545, 30.2015, 25.7972



26.5206, 30.2015, 37.2757



31.1671, 30.2015, 36.4653

Complementary

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



28.5545, 30.2015, 25.7972



24.4492, 25.4021, 35.0673

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.



30.2006, 30.2015, 39.7352



28.5545, 30.2015, 25.7972



27.5149, 30.2015, 40.2291

Square

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



28.5545, 30.2015, 25.7972



26.1107, 30.2015, 33.3198



28.8573, 30.2015, 41.1633



31.4670, 30.2015, 32.4526

Rectangle

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



28.5545, 30.2015, 25.7972



26.6105, 30.2015, 28.4986



28.8573, 30.2015, 41.1633



30.9079, 30.2015, 37.6983

Sweetspot

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



28.5553, 30.2028, 25.7978



55.5375, 58.5645, 59.2982



26.4204, 25.1383, 27.5365



12.1701, 12.8366, 12.8737



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



28.5553, 30.2028, 25.7978



50.8188, 53.7699, 43.4121



28.6708, 31.9555, 26.1300



7.0131, 7.4063, 7.0456



16.1268, 15.4892, 2.1397



0.3218, 0.3439, 0.0494

Inverse Universe

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



24.4492, 25.4021, 35.0673



42.0087, 43.4699, 63.3032



24.3386, 23.9025, 34.7837



6.4284, 6.7225, 8.3654



5.7004, 3.4924, 26.2809



0.1349, 0.1283, 0.4809

Previews

White Background



This preview shows how the XYZ color 28.5545, 30.2015, 25.7972 looks on a white background.

Color Contrast Check

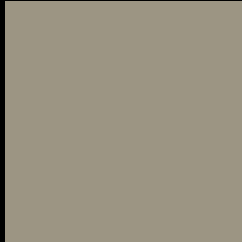
Large Text (above 18pt) WCAG AA × Fail

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 28.5545, 30.2015, 25.7972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

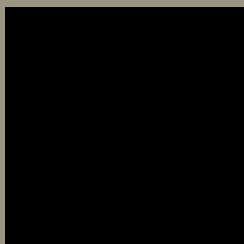
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

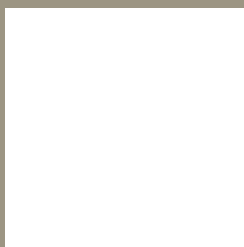
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.5545, 30.2015, 25.7972

Background



This preview shows how black text looks on a background with the XYZ color 28.5545, 30.2015, 25.7972.



This preview shows how white text looks on a background with the XYZ color 28.5545, 30.2015,

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

28.5545, 30.2015, 25.7972

Protanopia

28.5545, 30.2015, 25.7972

Deuteranopia

30.7157, 30.1585, 26.0321



Tritanopia

30.5093, 30.0560, 36.0917

Trichromacy



Original Color

28.5545, 30.2015, 25.7972

Protanomaly

28.5545, 30.2015, 25.7972

Deuteranomaly

29.9608, 30.2230, 26.0843

Tritanomaly

29.7247, 29.9650, 32.2341

Monochromacy



Original Color

28.5545, 30.2015, 25.7972

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.5788, 30.1233, 29.8993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5545, 30.2015, 25.7972 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(156, 149, 131)` looks like.

```
.text, #text, p{  
    color:rgb(156, 149, 131)  
}
```

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(156, 149, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 149, 131) }
```

Border

The CSS property to change the border of an element to XYZ 28.5545, 30.2015, 25.7972 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(156, 149, 131) }
```


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

```
.border{ border-color:rgb(156, 149, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 149, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 149, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 149, 131);  
box-shadow:4px 4px 4px 4px rgb(156, 149,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5545, 30.2015, 25.7972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 149, 131) }
```

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

```
.background{ background-color: rgb(156,  
149, 131) }
```

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