

Converting Colors

XYZ(27.2715, 30.5325, 21.7615)

Have a look what the booklet for
XYZ(27.2715, 30.5325, 21.7615)
contains.

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Color

**XYZ(27.2987, 30.5984,
21.9201)**

Conversions

Conversions Part 1

Format	Color
Hex	969977
RGB	150, 153, 119
RGB Percent	59%, 60%, 47%
CMY	0.4118, 0.4000, 0.5333
CMYK	0.02, 0.00, 0.22, 0.40
HSL	65°, 14%, 53%
HSV	65°, 22%, 60%
XYZ	27.2987, 30.5984, 21.9201
YIQ	148.2270, 9.1260, -11.2100

Conversions

Conversions Part 2

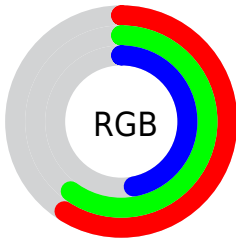
Format	Color
RYB	119, 153, 122
Decimal	9869687
CIELab	62.17, -7.04, 17.55
CIELCh	62, 18.911, 111.841
Yxy	30.5984, 0.3420, 0.3834
Android (android.graphics.Color)	4288059767 (0xFF969977)
YUV	148.2270, -14.4089, 1.5549
Hunter-Lab	55.3158, -8.7118, 15.2261

Details

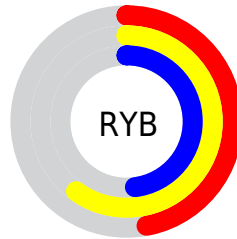
The XYZ color **27.2987, 30.5984, 21.9201** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.3738, 19.6320, 32.8542**, and the grayscale version is **28.2994, 29.7731, 32.4229**.

A 20% lighter version of the original color is **54.5653, 60.4033, 47.3112**, and **11.0025, 12.5976, 7.6460** is the 20% darker color. If you saturate the color by 10%, you get **26.2059, 30.1337, 17.4525**, and if you desaturate by 10%, it is **28.5440, 31.1264, 27.1684**.

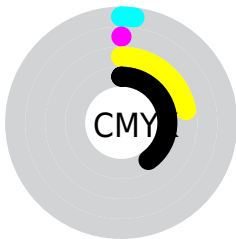
Distribution



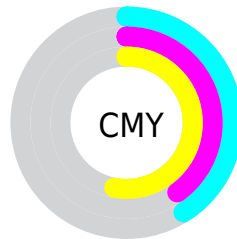
- Red (59%)
- Green (60%)
- Blue (47%)



- Red (47%)
- Yellow (60%)
- Blue (48%)



- Cyan (2%)
- Magenta (0%)
- Yellow (22%)
- Black (40%)



- Cyan (41%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2987, 30.5984, 21.9201 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 27.2987, 30.5984, 21.9201 by changing the saturation by 10% instead.

■ 27.2987, 30.5984,
21.9201

■ 27.2987, 30.5984,
21.9201

281.2417,
304.6839, 275.0686

■ 17.9354, 20.2932,
13.6004

■ 54.7793, 60.6072,
47.5144

■ 11.0030, 12.6084,
7.7077

■ 73.6274, 81.0797,
65.6261

■ 6.1362, 7.1594,
3.8234

■ 96.3678, 105.7100,
87.8390

■ 2.9695, 3.5620,
1.5290

123.3658,
134.8827, 114.5714

■ 1.1377, 1.4317,
0.2394

154.9869,
168.9820, 146.2421

■ 0.0563, 0.2399,
0.0000

191.5963,

■ 0.0000, 0.0000,

208.3923, 183.2695

0.0000

233.5595,
253.4982, 226.0721

■ 27.2987, 30.5984,
21.9201

■ 27.2987, 30.5984,
21.9201

■ 26.2059, 30.1337,
17.4525

■ 28.5440, 31.1264,
27.1684

■ 25.2560, 29.7256,
13.7263

■ 29.9459, 31.7164,
33.2301

■ 24.4423, 29.3722,
10.7019

■ 31.5114, 32.3722,
40.1385

■ 23.7562, 29.0702,
8.3354

■ 33.2465, 33.0961,
47.9245

■ 23.1886, 28.8159,
6.5775

■ 35.1567, 33.8904,
56.6173

■ 22.7288, 28.6050,
5.3724

■ 37.2472, 34.7572,
66.2449

■ 22.3641, 28.4325,
4.6539

■ 39.5233, 35.6986,
76.8339

■ 22.1212, 28.3149,
4.2994

■ 41.9897, 36.7164,
88.4102

■ 44.3754, 37.7023,
99.5462

Harmonies

Analogous

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



29.7834, 30.5984, 21.2724



27.2987, 30.5984, 21.9201



25.3996, 30.5984, 25.3807

Triad

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



27.2987, 30.5984, 21.9201



26.1609, 30.5984, 45.6060



34.2048, 30.5984, 35.3467

Complementary

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



27.2987, 30.5984, 21.9201



20.3738, 19.6320, 32.8542

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.



33.1060, 30.5984, 42.7547



27.2987, 30.5984, 21.9201



28.3934, 30.5984, 49.2173

Square

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



27.2987, 30.5984, 21.9201



24.7699, 30.5984, 38.8115



30.9431, 30.5984, 48.1041



33.8694, 30.5984, 28.3662

Rectangle

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



27.2987, 30.5984, 21.9201



24.6733, 30.5984, 29.1339



30.9431, 30.5984, 48.1041



33.9887, 30.5984, 37.8813

Sweetspot

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



27.2995, 30.5998, 21.9208



52.3568, 56.2637, 53.9867



23.4068, 21.9832, 20.4628



11.5323, 12.4115, 11.7975



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



27.2995, 30.5998, 21.9208



47.8148, 54.3413, 34.8366



24.4213, 29.1160, 21.7861



6.6551, 7.1952, 6.6439



18.2960, 23.4078, 3.5539



0.2872, 0.3570, 0.0538

Inverse Universe

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



20.3738, 19.6320, 32.8542



33.0195, 30.9083, 58.1976



22.9672, 20.9689, 32.9756



5.9326, 6.0511, 7.7843



4.9092, 1.9818, 25.0315



0.0851, 0.0357, 0.3748

Previews

White Background



This preview shows how the XYZ color 27.2987, 30.5984, 21.9201 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 27.2987, 30.5984, 21.9201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

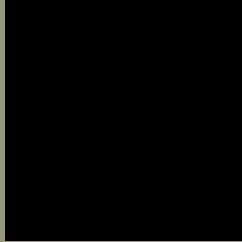
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

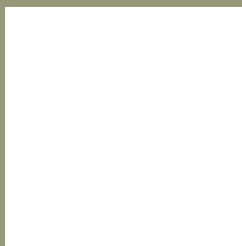
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2987, 30.5984, 21.9201

Background



This preview shows how black text looks on a background with the XYZ color 27.2987, 30.5984, 21.9201.



This preview shows how white text looks on a background with the XYZ color 27.2987, 30.5984,

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

27.2987, 30.5984, 21.9201

Protanopia

28.6736, 30.5943, 21.5336

Deuteranopia

31.1036, 30.4410, 22.3255



Tritanopia

30.3655, 30.6516, 37.1168

Trichromacy



Original Color

27.2987, 30.5984, 21.9201

Protanomaly

28.0469, 30.5091, 21.5502

Deuteranomaly

29.5498, 30.3305, 22.0662

Tritanomaly

29.0773, 30.5986, 30.7591

Monochromacy



Original Color

27.2987, 30.5984, 21.9201

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.8161, 30.0084, 27.9930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2987, 30.5984, 21.9201 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(150, 153, 119)` looks like.

```
.text, #text, p{  
    color:rgb(150, 153, 119)  
}
```

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(150, 153, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 153, 119) }
```

Border

The CSS property to change the border of an element to XYZ 27.2987, 30.5984, 21.9201 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(150, 153, 119) }
```


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

```
.border{ border-color:rgb(150, 153, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 153, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 153, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 153, 119);  
box-shadow:4px 4px 4px 4px rgb(150, 153,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2987, 30.5984, 21.9201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 153, 119) }
```

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

```
.background{ background-color: rgb(150,  
153, 119) }
```

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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