

Converting Colors

XYZ(30.5157, 27.4411, 34.1956)

Have a look what the booklet for XYZ(30.5157, 27.4411, 34.1956) contains.

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Color

**XYZ(30.5824, 27.5432,
34.2763)**

Conversions

Conversions Part 1

Format	Color
Hex	A9859A
RGB	169, 133, 154
RGB Percent	66%, 52%, 60%
CMY	0.3373, 0.4784, 0.3961
CMYK	0.00, 0.21, 0.09, 0.34
HSL	325°, 17%, 59%
HSV	325°, 21%, 66%
XYZ	30.5824, 27.5432, 34.2763
YIQ	146.1580, 14.7150, 14.1630

Conversions

Conversions Part 2

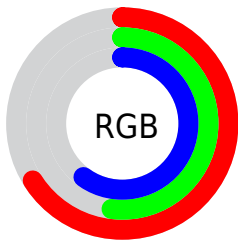
Format	Color
RYB	169, 133, 154
Decimal	11109786
CIELab	59.47, 17.30, -5.93
CIELCh	59, 18.290, 341.096
Yxy	27.5432, 0.3310, 0.2981
Android (android.graphics.Color)	4289299866 (0xFFA9859A)
YUV	146.1580, 3.8661, 20.0324
Hunter-Lab	52.4816, 12.1738, -1.9858

Details

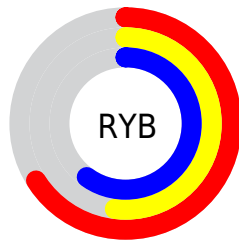
The XYZ color **30.5824, 27.5432, 34.2763** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.2072, 35.5012, 33.3317**, and the grayscale version is **27.3675, 28.7927, 31.3553**.

A 20% lighter version of the original color is **59.9954, 55.6794, 67.2596**, and **12.7439, 10.8788, 14.2601** is the 20% darker color. If you saturate the color by 10%, you get **27.8829, 23.0552, 30.5672**, and if you desaturate by 10%, it is **33.6902, 32.7920, 38.2919**.

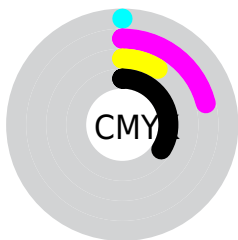
Distribution



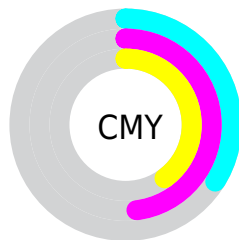
- Red (66%)
- Green (52%)
- Blue (60%)



- Red (66%)
- Yellow (52%)
- Blue (60%)



- Cyan (0%)
- Magenta (21%)
- Yellow (9%)
- Black (34%)



- Cyan (34%)
- Magenta (48%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5824, 27.5432, 34.2763 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 30.5824, 27.5432, 34.2763 by changing the saturation by 10% instead.

■ 30.5824, 27.5432,
34.2763

■ 30.5824, 27.5432,
34.2763

296.4712,
290.2777, 336.1690

■ 20.4313, 17.9816,
22.8269

■ 59.9623, 55.7543,
67.5019

■ 12.8190, 10.9368,
14.2616

■ 79.9219, 75.1726,
90.1152

■ 7.3802, 6.0243,
8.1620

■ 103.8817, 98.6453,
117.2868

■ 3.7494, 2.8599,
4.1095

132.2070,
126.5567, 149.4353

■ 1.5614, 1.0590,
1.6856

165.2633,
159.2912, 186.9792

■ 0.3670, 0.0000,
0.3509

203.4158,

■ 0.0000, 0.0000,

197.2333, 230.3371

0.0000

247.0300,
240.7673, 279.9275

■ 30.5824, 27.5432,
34.2763

■ 30.5824, 27.5432,
34.2763

■ 27.8829, 23.0552,
30.5672

■ 33.6902, 32.7920,
38.2919

■ 25.5709, 19.2885,
27.1539

■ 37.2210, 38.8312,
42.6209

■ 23.6275, 16.2056,
24.0273

■ 41.1919, 45.6935,
47.2719

■ 22.0309, 13.7642,
21.1773

■ 45.6179, 53.4086,
52.2527

■ 20.7571, 11.9173,
18.5927

■ 50.5138, 62.0046,
57.5707

■ 19.7788, 10.6111,
16.2612

■ 55.8932, 71.5085,
63.2332

■ 19.0636, 9.7823,
14.1686

■ 61.7696, 81.9459,
69.2471

■ 18.5943, 9.3279,
12.5192

■ 63.7974, 84.6251,
74.1663

■ 64.6963, 84.9847,
78.8999

Harmonies

Analogous

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



29.1899, 27.5432, 40.5648



30.5824, 27.5432, 34.2763



30.7554, 27.5432, 27.6215

Triad

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



30.5824, 27.5432, 34.2763



25.3384, 27.5432, 19.2136



22.9904, 27.5432, 39.0936

Complementary

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



30.5824, 27.5432, 34.2763



29.2072, 35.5012, 33.3317

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.



22.0807, 27.5432, 32.4899



30.5824, 27.5432, 34.2763



23.3826, 27.5432, 21.4338

Square

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



30.5824, 27.5432, 34.2763



27.6358, 27.5432, 19.5467



22.2199, 27.5432, 26.0766



24.7743, 27.5432, 43.6146

Rectangle

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



30.5824, 27.5432, 34.2763



30.1449, 27.5432, 23.9215



22.2199, 27.5432, 26.0766



22.5771, 27.5432, 37.0064

Sweetspot

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



30.5832, 27.5444, 34.2769



63.5235, 64.1634, 72.5326



27.7628, 25.9370, 41.0794



13.7609, 13.8403, 15.7053



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.5832, 27.5444, 34.2769



52.1854, 45.0114, 57.8883



29.1946, 26.9890, 26.9647



7.7077, 7.6129, 8.7779



13.8853, 6.9628, 9.4733



0.3624, 0.1793, 0.3601

Inverse Universe

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



30.5832, 27.5444, 34.2769



52.1854, 45.0114, 57.8883



30.7446, 36.1162, 41.4275



7.7077, 7.6129, 8.7779



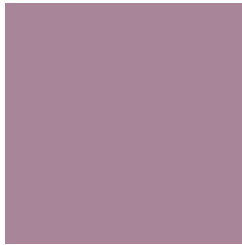
13.8853, 6.9628, 9.4733



0.3624, 0.1793, 0.3601

Previews

White Background



This preview shows how the XYZ color 30.5824, 27.5432, 34.2763 looks on a white background.

Color Contrast Check

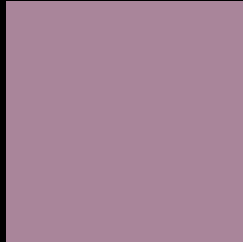
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5824, 27.5432, 34.2763 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 30.5824, 27.5432, 34.2763

Background



This preview shows how black text looks on a background with the XYZ color 30.5824, 27.5432, 34.2763.



This preview shows how white text looks on a background with the XYZ color 30.5824, 27.5432,

34.2763.

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

30.5824, 27.5432, 34.2763

Protanopia

27.0027, 27.5468, 37.1516

Deuteranopia

28.1193, 27.5374, 33.9702



Tritanopia

29.9233, 27.6971, 30.5570

Trichromacy



Original Color

30.5824, 27.5432, 34.2763

Protanomaly

28.1667, 27.5132, 36.1738

Deuteranomaly

28.9935, 27.5622, 33.9289

Tritanomaly

30.0188, 27.5131, 31.7454

Monochromacy



Original Color

30.5824, 27.5432, 34.2763

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.2761, 28.0897, 32.3653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5824, 27.5432, 34.2763 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(169, 133, 154)` looks like.

```
.text, #text, p{  
    color:rgb(169, 133, 154)  
}
```

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(169, 133, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 133, 154) }
```

Border

The CSS property to change the border of an element to XYZ 30.5824, 27.5432, 34.2763 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(169, 133, 154) }
```


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

```
.border{ border-color:rgb(169, 133, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 133, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 133, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 133, 154);  
box-shadow:4px 4px 4px 4px rgb(169, 133,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5824, 27.5432, 34.2763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 133, 154) }
```

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

```
.background{ background-color: rgb(169,  
133, 154) }
```

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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