

Converting Colors

XYZ(34.5944, 27.9406, 30.7512)

Have a look what the booklet for
XYZ(34.5944, 27.9406, 30.7512)
contains.

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Color

**XYZ(34.6441, 27.9600,
30.7650)**

Conversions

Conversions Part 1

Format	Color
Hex	C27C92
RGB	194, 124, 146
RGB Percent	76%, 49%, 57%
CMY	0.2392, 0.5137, 0.4274
CMYK	0.00, 0.36, 0.25, 0.24
HSL	341°, 36%, 62%
HSV	341°, 36%, 76%
XYZ	34.6441, 27.9600, 30.7650
YIQ	147.4380, 34.6580, 21.6820

Conversions

Conversions Part 2

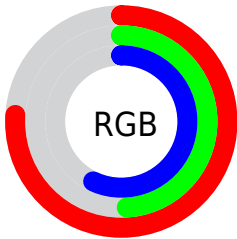
Format	Color
R_{YB}	194, 124, 146
Decimal	12745874
CIE Lab	59.85, 30.21, -0.46
CIE LCh	60, 30.216, 359.131
Yxy	27.9600, 0.3710, 0.2995
Android (android.graphics.Color)	4290935954 (0xFFC27C92)
YUV	147.4380, -0.7089, 40.8349
Hunter-Lab	52.8772, 24.4145, 2.5180

Details

The XYZ color **34.6441, 27.9600, 30.7650** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.0516, 45.8479, 46.0342**, and the grayscale version is **27.9081, 29.3615, 31.9746**.

A 20% lighter version of the original color is **66.2924, 56.3099, 62.0185**, and **15.2076, 11.2311, 12.4326** is the 20% darker color. If you saturate the color by 10%, you get **31.4724, 23.1774, 24.8957**, and if you desaturate by 10%, it is **38.4161, 33.7500, 37.4292**.

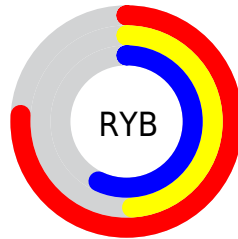
Distribution



Red (76%)

Green (49%)

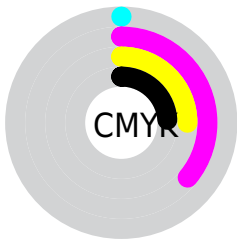
Blue (57%)



Red (76%)

Yellow (49%)

Blue (57%)

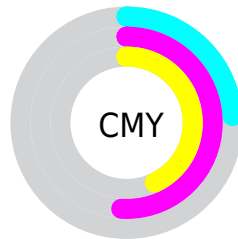


Cyan (0%)

Magenta (36%)

Yellow (25%)

Black (24%)



Cyan (24%)


Magenta (51%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6441, 27.9600, 30.7650 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 34.6441, 27.9600, 30.7650 by changing the saturation by 10% instead.


 34.6441, 27.9600,
30.7650


 34.6441, 27.9600,
30.7650


314.5302,
292.2757, 319.7718


 23.5541, 18.2955,
20.1630


 66.2717, 56.4206,
61.9451

 15.1261, 11.1624,
12.3283


 87.5400, 75.9854,
83.3603

 8.9948, 6.1761,
6.8425


 112.9318, 99.6192,
109.2171

 4.7949, 2.9525,
3.2868

142.8124,
127.7063, 139.9338

 2.1609, 1.1070,
1.2429

177.5472,
160.6311, 175.9291

 0.7220, 0.0000,
0.0143

217.5015,

 0.0000, 0.0000,

198.7780, 217.6215

0.0000

263.0407,
242.5314, 265.4296

■ 34.6441, 27.9600,
30.7650

■ 34.6441, 27.9600,
30.7650

■ 31.4724, 23.1774,
24.8957

■ 38.4161, 33.7500,
37.4292

■ 28.8663, 19.3401,
19.7885

■ 42.8158, 40.5966,
44.9160

■ 26.7913, 16.3855,
15.4109


■ 47.8718, 48.5508,
53.2534


■ 25.2074, 14.2417,
11.7267


■ 53.6101, 57.6590,
62.4678


■ 24.0692, 12.8250,
8.6964


■ 60.0553, 67.9648,
72.5845


 23.3194, 12.0299,
6.2749

 67.2309, 79.5098,
83.6276

 23.0895, 11.8059,
5.4716

 73.6069, 89.2288,
95.1027

 75.6472, 90.0450,
105.8466

 76.0582, 90.2094,
108.0112

Harmonies

Analogous

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



33.4144, 27.9600, 42.6047



34.6441, 27.9600, 30.7650



33.5448, 27.9600, 21.2835

Triad

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



34.6441, 27.9600, 30.7650



23.1473, 27.9600, 15.4810



22.9711, 27.9600, 52.3853

Complementary

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



34.6441, 27.9600, 30.7650



35.0516, 45.8479, 46.0342

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.



20.6446, 27.9600, 41.9146



34.6441, 27.9600, 30.7650



20.7393, 27.9600, 20.8496

Square

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



34.6441, 27.9600, 30.7650



26.6871, 27.9600, 13.8435



19.8677, 27.9600, 30.1246



26.4635, 27.9600, 56.7924

Rectangle

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



34.6441, 27.9600, 30.7650



31.6938, 27.9600, 17.1122



19.8677, 27.9600, 30.1246



22.0396, 27.9600, 49.3511

Sweetspot

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



34.6449, 27.9613, 30.7656



81.9132, 80.3639, 88.5904



33.9230, 27.0637, 54.4750



17.6635, 17.1671, 18.9464



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



34.6449, 27.9613, 30.7656



58.3024, 43.9095, 47.5267



34.8092, 30.7699, 23.1751



10.2007, 10.1289, 11.1473



15.2137, 7.7752, 3.7715



0.6891, 0.3486, 0.3302

Inverse Universe

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



34.6449, 27.9613, 30.7656



58.3024, 43.9095, 47.5267



34.6086, 41.2966, 57.1861



10.2007, 10.1289, 11.1473



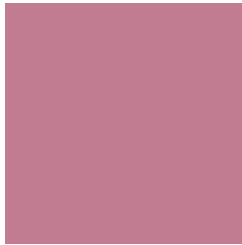
15.2137, 7.7752, 3.7715



0.6891, 0.3486, 0.3302

Previews

White Background



This preview shows how the XYZ color 34.6441, 27.9600, 30.7650 looks on a white background.

Color Contrast Check

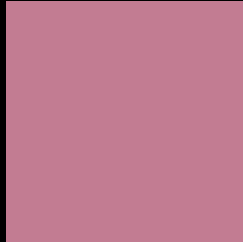
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.6441, 27.9600, 30.7650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

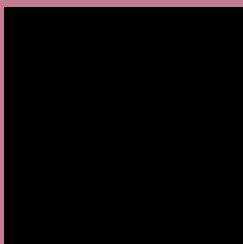
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.6441, 27.9600, 30.7650

Background



This preview shows how black text looks on a background with the XYZ color 34.6441, 27.9600, 30.7650.



This preview shows how white text looks on a background with the XYZ color 34.6441, 27.9600,

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

34.6441, 27.9600, 30.7650

Protanopia

27.4725, 28.2548, 36.3535

Deuteranopia

28.6341, 28.1103, 29.9032



Tritanopia

33.8263, 28.0084, 26.5450

Trichromacy



Original Color

34.6441, 27.9600, 30.7650

Protanomaly

29.6787, 27.9058, 34.3940

Deuteranomaly

30.5724, 27.8345, 30.1468

Tritanomaly

33.9861, 27.8688, 28.0140

Monochromacy



Original Color

34.6441, 27.9600, 30.7650

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.8089, 28.4643, 31.5268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6441, 27.9600, 30.7650 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(194, 124, 146)` looks like.

```
.text, #text, p{  
    color:rgb(194, 124, 146)  
}
```

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(194, 124, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 124, 146) }
```

Border

The CSS property to change the border of an element to XYZ 34.6441, 27.9600, 30.7650 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(194, 124, 146) }
```


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

```
.border{ border-color:rgb(194, 124, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 124, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 124, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 124, 146);  
box-shadow:4px 4px 4px 4px rgb(194, 124,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6441, 27.9600, 30.7650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 124, 146) }
```

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

```
.background{ background-color: rgb(194,  
124, 146) }
```

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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