

Converting Colors

XYZ(34.5127, 28.7332, 21.2965)

Have a look what the booklet for
XYZ(34.5127, 28.7332, 21.2965)
contains.

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Color

**XYZ(34.4723, 28.6528,
21.1664)**

Conversions

Conversions Part 1

Format	Color
Hex	C77F77
RGB	199, 127, 119
RGB Percent	78%, 50%, 47%
CMY	0.2196, 0.5019, 0.5333
CMYK	0.00, 0.36, 0.40, 0.22
HSL	6°, 42%, 62%
HSV	6°, 40%, 78%
XYZ	34.4723, 28.6528, 21.1664
YIQ	147.6160, 45.4800, 12.7760

Conversions

Conversions Part 2

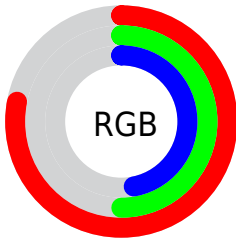
Format	Color
R_{YB}	199, 128, 119
Decimal	13074295
CIE _{Lab}	60.47, 26.94, 15.99
CIE _{LCh}	60, 31.332, 30.694
Yxy	28.6528, 0.4090, 0.3399
Android (android.graphics.Color)	4291264375 (0xFFC77F77)
YUV	147.6160, -14.1077, 45.0638
Hunter-Lab	53.5283, 21.2797, 14.0251

Details

The XYZ color **34.4723, 28.6528, 21.1664** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **36.5464, 45.3049, 60.8512**, and the grayscale version is **28.0327, 29.4926, 32.1175**.

A 20% lighter version of the original color is **64.9119, 56.8428, 46.0786**, and **15.1189, 11.6023, 7.4039** is the 20% darker color. If you saturate the color by 10%, you get **31.2890, 24.0028, 14.8136**, and if you desaturate by 10%, it is **38.3184, 34.2279, 28.9752**.

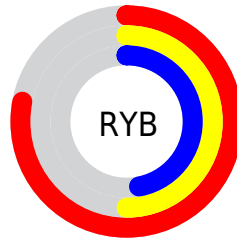
Distribution



Red (78%)

Green (50%)

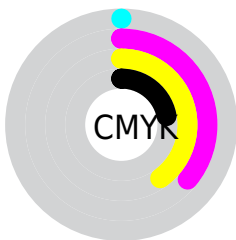
Blue (47%)



Red (78%)

Yellow (50%)

Blue (47%)

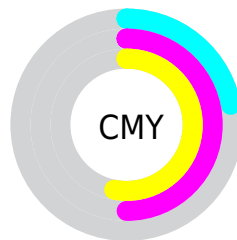


Cyan (0%)

Magenta (36%)

Yellow (40%)

Black (22%)



Cyan (22%)


Magenta (50%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4723, 28.6528, 21.1664 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 34.4723, 28.6528, 21.1664 by changing the saturation by 10% instead.


 34.4723, 28.6528,
21.1664

 34.4723, 28.6528,
21.1664


313.7819,
295.5732, 270.9715


 23.4213, 18.8183,
13.0533


 66.0069, 57.5250,
46.2487

 15.0273, 11.5391,
7.3341


 87.2212, 77.3315,
64.0549

 8.9250, 6.4307,
3.5903


 112.5539,
101.2308, 85.9293

 4.7490, 3.1087,
1.4034

142.3704,
129.6073, 112.2902

 2.1340, 1.1887,
0.1444

177.0362,
162.8454, 143.5564

 0.7076, 0.0525,
0.0000

216.9164,

 0.0000, 0.0000,

201.3295, 180.1463

0.0000

262.3765,
245.4440, 222.4785

■ 34.4723, 28.6528,
21.1664

■ 34.4723, 28.6528,
21.1664

■ 31.2890, 24.0028,
14.8136

■ 38.3184, 34.2279,
28.9752

■ 28.7289, 20.2239,
9.8250

■ 42.8597, 40.7700,
38.3208

■ 26.7513, 17.2628,
6.1008


■ 48.1290, 48.3235,
49.2801


■ 25.3099, 15.0589,
3.5272


■ 54.1565, 56.9288,
61.9242


■ 24.3510, 13.5429,
1.9694

■ 60.9705, 66.6241,
76.3200

 23.8017, 12.6393,
1.1851

 68.5982, 77.4456,
92.5310

 76.5289, 89.2137,
107.7942

 77.3631, 90.8821,
108.0723

Harmonies

Analogous

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



35.7605, 28.6528, 30.9293



34.4723, 28.6528, 21.1664



31.2144, 28.6528, 15.5447

Triad

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



34.4723, 28.6528, 21.1664



21.0074, 28.6528, 21.5288



27.3278, 28.6528, 59.1405

Complementary

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



34.4723, 28.6528, 21.1664



36.5464, 45.3049, 60.8512

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.



23.6065, 28.6528, 54.8893



34.4723, 28.6528, 21.1664



20.1829, 28.6528, 31.4683

Square

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



34.4723, 28.6528, 21.1664



23.4587, 28.6528, 15.7147



21.0866, 28.6528, 43.9839



31.3933, 28.6528, 54.4975

Rectangle

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



34.4723, 28.6528, 21.1664



28.5088, 28.6528, 13.9943



21.0866, 28.6528, 43.9839



25.9970, 28.6528, 58.6958

Sweetspot

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



34.4730, 28.6542, 21.1670



82.3445, 81.8547, 82.2653



39.5540, 29.0975, 52.8218



17.3546, 17.1330, 17.0444



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.



34.4730, 28.6542, 21.1670



55.5481, 43.1466, 27.4461



40.7017, 41.1115, 23.2432



10.7178, 10.8048, 11.0834



15.3355, 8.1881, 0.7722



0.7559, 0.4472, 0.0465

Inverse Universe

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



36.5464, 45.3049, 60.8512



59.6364, 76.1273, 106.1586



28.9833, 30.1789, 58.3302



10.8525, 11.8791, 13.6384



17.0423, 23.4786, 38.3780



0.8338, 1.1655, 1.8262

Previews

White Background



This preview shows how the XYZ color 34.4723, 28.6528, 21.1664 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 34.4723, 28.6528, 21.1664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

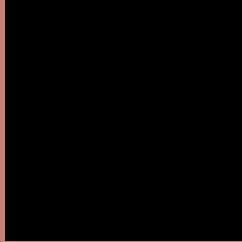
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.4723, 28.6528, 21.1664

Background



This preview shows how black text looks on a background with the XYZ color 34.4723, 28.6528, 21.1664.



This preview shows how white text looks on a background with the XYZ color 34.4723, 28.6528,

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

34.4723, 28.6528, 21.1664

Protanopia

27.3120, 28.8886, 24.5586

Deuteranopia

29.1665, 28.5866, 20.8101



Tritanopia

35.4561, 28.6678, 26.2190

Trichromacy



Original Color

34.4723, 28.6528, 21.1664

Protanomaly

29.5119, 28.4920, 23.3461

Deuteranomaly

30.9900, 28.4597, 20.9995

Tritanomaly

35.2427, 28.7860, 24.4676

Monochromacy



Original Color

34.4723, 28.6528, 21.1664

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.8298, 28.7778, 27.6494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4723, 28.6528, 21.1664 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(199, 127, 119)` looks like.

```
.text, #text, p{  
    color:rgb(199, 127, 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(199, 127, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 127, 119) }
```

Border

The CSS property to change the border of an element to XYZ 34.4723, 28.6528, 21.1664 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(199, 127, 119) }
```


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

```
.border{ border-color:rgb(199, 127, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 127, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 127, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 127, 119);  
box-shadow:4px 4px 4px 4px rgb(199, 127,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4723, 28.6528, 21.1664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 127, 119) }
```

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

```
.background{ background-color: rgb(199,  
127, 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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