

Converting Colors

XYZ(32.8341, 24.9512, 28.0800)

Have a look what the booklet for
XYZ(32.8341, 24.9512, 28.0800)
contains.

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Color

**XYZ(32.7759, 24.9511,
27.8995)**

Conversions

Conversions Part 1

Format	Color
Hex	C2708C
RGB	194, 112, 140
RGB Percent	76%, 44%, 55%
CMY	0.2392, 0.5608, 0.4510
CMYK	0.00, 0.42, 0.28, 0.24
HSL	340°, 40%, 60%
HSV	340°, 42%, 76%
XYZ	32.7759, 24.9511, 27.8995
YIQ	139.7100, 39.8840, 26.0920

Conversions

Conversions Part 2

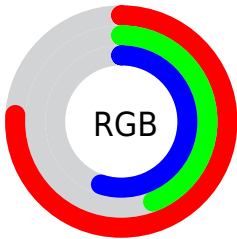
Format	Color
R_{YB}	194, 112, 140
Decimal	12742796
CIE Lab	57.03, 35.85, -1.12
CIE LCh	57, 35.867, 358.209
Yxy	24.9511, 0.3828, 0.2914
Android (android.graphics.Color)	4290932876 (0xFFC2708C)
YUV	139.7100, 0.1430, 47.6123
Hunter-Lab	49.9511, 29.7102, 1.8501

Details

The XYZ color **32.7759, 24.9511, 27.8995** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **32.8579, 44.7821, 42.9906**, and the grayscale version is **24.8040, 26.0958, 28.4183**.

A 20% lighter version of the original color is **63.2257, 51.4560, 57.0517**, and **14.0493, 9.5867, 10.7828** is the 20% darker color. If you saturate the color by 10%, you get **29.9734, 20.7671, 22.5841**, and if you desaturate by 10%, it is **36.1504, 30.1036, 33.9457**.

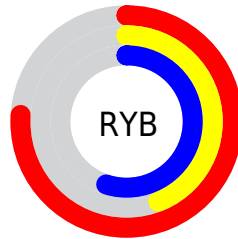
Distribution



Red (76%)

Green (44%)

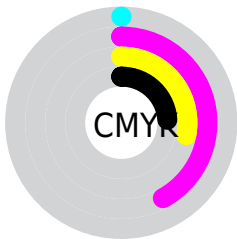
Blue (55%)



Red (76%)

Yellow (44%)

Blue (55%)

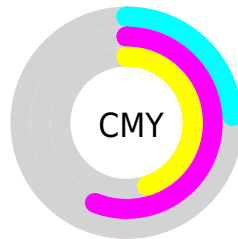


Cyan (0%)

Magenta (42%)

Yellow (28%)

Black (24%)



Cyan (24%)


Magenta (56%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7759, 24.9511, 27.8995 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 32.7759, 24.9511, 27.8995 by changing the saturation by 10% instead.

 32.7759, 24.9511,
27.8995


 32.7759, 24.9511,
27.8995


306.3216,
277.5943, 305.8832


 22.1132, 16.0406,
18.0115


 63.3825, 51.5779,
57.3451


 14.0572, 9.5529,
10.7887


 84.0572, 70.0630,
77.7398

 8.2424, 5.1035,
5.8126


 108.7999, 92.5084,
102.4739

 4.3036, 2.3081,
2.6645

 137.9760,
119.2986, 131.9659

 1.8753, 0.7780,
0.9255

171.9509,
150.8178, 166.6342

 0.5624, 0.0000,
0.0000

211.0899,

 0.0000, 0.0000,

187.4506, 206.8975

0.0000

255.7583,
229.5813, 253.1743

■ 32.7759, 24.9511,
27.8995

■ 32.7759, 24.9511,
27.8995

■ 29.9734, 20.7671,
22.5841

■ 36.1504, 30.1036,
33.9457

■ 27.7071, 17.4866,
17.9686

■ 40.1255, 36.2767,
40.7492

■ 25.9403, 15.0424,
14.0215


■ 44.7304, 43.5234,
48.3365

■ 24.6306, 13.3562,
10.7081


■ 49.9919, 51.8917,
56.7325


■ 23.7277, 12.3346,
7.9895


■ 55.9349, 61.4268,
65.9611

 23.2386, 11.8655,
6.2565

 62.5832, 72.1714,
76.0449

 69.9594, 84.1659,
87.0057

 74.0669, 89.4128,
97.5252

 76.0561, 90.2085,
108.0003

Harmonies

Analogous

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



31.2947, 24.9511, 41.3261



32.7759, 24.9511, 27.8995



31.6005, 24.9511, 17.6044

Triad

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



32.7759, 24.9511, 27.8995



20.0860, 24.9511, 11.4142



19.6957, 24.9511, 52.0653

Complementary

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



32.7759, 24.9511, 27.8995



32.8579, 44.7821, 42.9906

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.



17.2647, 24.9511, 39.6861



32.7759, 24.9511, 27.8995



17.4705, 24.9511, 16.6801

Square

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



32.7759, 24.9511, 27.8995



23.9695, 24.9511, 9.9419



16.5003, 24.9511, 26.4484



23.4628, 24.9511, 57.6076

Rectangle

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



32.7759, 24.9511, 27.8995



29.5383, 24.9511, 13.2735



16.5003, 24.9511, 26.4484



18.7127, 24.9511, 48.4146

Sweetspot

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



32.7766, 24.9523, 27.9000



80.2054, 77.5330, 86.2185



31.1123, 23.5163, 53.9383



17.1362, 16.3032, 18.1827



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.



32.7766, 24.9523, 27.9000



54.5144, 37.9344, 41.3285



32.4190, 27.1311, 18.8589



10.2120, 10.1334, 11.2067



15.3135, 7.8152, 4.2971



0.6943, 0.3507, 0.3575

Inverse Universe

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



32.7766, 24.9523, 27.9000



54.5144, 37.9344, 41.3285



33.0871, 40.6737, 57.1460



10.2120, 10.1334, 11.2067



15.3135, 7.8152, 4.2971



0.6943, 0.3507, 0.3575

Previews

White Background



This preview shows how the XYZ color 32.7759, 24.9511, 27.8995 looks on a white background.

Color Contrast Check

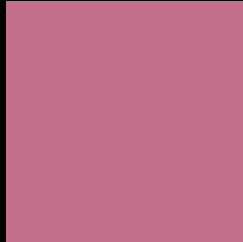
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7759, 24.9511, 27.8995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

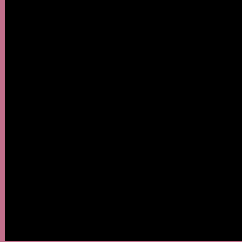
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.7759, 24.9511, 27.8995

Background



This preview shows how black text looks on a background with the XYZ color 32.7759, 24.9511, 27.8995.



This preview shows how white text looks on a background with the XYZ color 32.7759, 24.9511,

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

32.7759, 24.9511, 27.8995

Protanopia

24.7122, 25.1258, 34.5576

Deuteranopia

25.5940, 25.1319, 26.7946



Tritanopia

31.4441, 24.8980, 21.8874

Trichromacy



Original Color

32.7759, 24.9511, 27.8995

Protanomaly

26.8047, 24.4487, 32.1605

Deuteranomaly

27.7853, 24.6889, 26.9679

Tritanomaly

31.9721, 24.9571, 23.9010

Monochromacy



Original Color

32.7759, 24.9511, 27.8995

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

27.2135, 25.3323, 28.2663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7759, 24.9511, 27.8995 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, 112, 140)` looks like.

```
.text, #text, p{  
    color:rgb(194, 112, 140)  
}
```

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, 112, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 112, 140) }
```

Border

The CSS property to change the border of an element to XYZ 32.7759, 24.9511, 27.8995 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, 112, 140) }
```


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

```
.border{ border-color:rgb(194, 112, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 112, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 112, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 112, 140);  
box-shadow:4px 4px 4px 4px rgb(194, 112,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7759, 24.9511, 27.8995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 112, 140) }
```

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

```
.background{ background-color: rgb(194,  
112, 140) }
```

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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