

Converting Colors

XYZ(32.3791, 24.5474, 20.6013)

Have a look what the booklet for
XYZ(32.3791, 24.5474, 20.6013)
contains.

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Color

**XYZ(32.4589, 24.6259,
20.4953)**

Conversions

Conversions Part 1

Format	Color
Hex	C76E77
RGB	199, 110, 119
RGB Percent	78%, 43%, 47%
CMY	0.2196, 0.5686, 0.5333
CMYK	0.00, 0.45, 0.40, 0.22
HSL	354°, 44%, 61%
HSV	354°, 45%, 78%
XYZ	32.4589, 24.6259, 20.4953
YIQ	137.6370, 50.1550, 21.6670

Conversions

Conversions Part 2

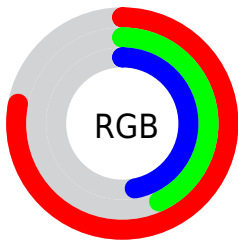
Format	Color
R_{YB}	199, 110, 119
Decimal	13069943
CIE _{Lab}	56.71, 36.09, 10.74
CIE _{LCh}	57, 37.653, 16.573
Yxy	24.6259, 0.4184, 0.3174
Android (android.graphics.Color)	4291260023 (0xFFC76E77)
YUV	137.6370, -9.1880, 53.8154
Hunter-Lab	49.6245, 29.9123, 10.2499

Details

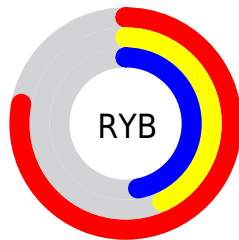
The XYZ color **32.4589, 24.6259, 20.4953** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.1493, 47.8801, 56.0544**, and the grayscale version is **24.0404, 25.2924, 27.5434**.

A 20% lighter version of the original color is **61.6879, 50.3947, 45.0039**, and **13.8566, 9.3336, 7.0325** is the 20% darker color. If you saturate the color by 10%, you get **29.5727, 20.4141, 14.7225**, and if you desaturate by 10%, it is **36.0307, 29.8853, 27.4948**.

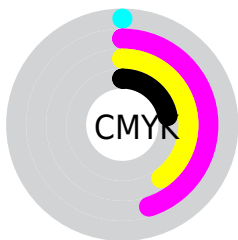
Distribution



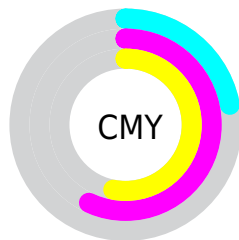
- Red (78%)
- Green (43%)
- Blue (47%)



- Red (78%)
- Yellow (43%)
- Blue (47%)



- Cyan (0%)
- Magenta (45%)
- Yellow (40%)
- Black (22%)





- Cyan (22%)
- Magenta (57%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4589, 24.6259, 20.4953 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 32.4589, 24.6259, 20.4953 by changing the saturation by 10% instead.

 32.4589, 24.6259,
20.4953


 32.4589, 24.6259,
20.4953


304.9127,
275.9697, 267.2764


 21.8695, 15.7986,
12.5680


 62.8902, 51.0497,
45.1159


 13.8771, 9.3817,
7.0045


 83.4627, 69.4149,
62.6462

 8.1164, 4.9910,
3.3864


 108.0937, 91.7282,
84.2146

 4.2219, 2.2420,
1.2952

 137.1485,
118.3740, 110.2395

 1.8284, 0.7427,
0.0578

170.9925,
149.7366, 141.1397

 0.5347, 0.0000,
0.0000

209.9909,

 0.0000, 0.0000,

186.2005, 177.3335

0.0000

254.5092,
228.1501, 219.2395

■ 32.4589, 24.6259,
20.4953

■ 32.4589, 24.6259,
20.4953

■ 29.5727, 20.4141,
14.7225

■ 36.0307, 29.8853,
27.4948

■ 27.3262, 17.1762,
10.1041

■ 40.3263, 36.2520,
35.7846

■ 25.6708, 14.8351,
6.5625


■ 45.3834, 43.7856,
45.4258


■ 24.5499, 13.3002,
4.0101


■ 51.2364, 52.5405,
56.4749


■ 23.8960, 12.4618,
2.3448

■ 57.9178, 62.5675,
68.9854

 23.6804, 12.1930,
1.7725

 65.4580, 73.9148,
83.0079

 73.8861, 86.6277,
98.5906

 77.3632, 90.8821,
108.0723

Harmonies

Analogous

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



32.6082, 24.6259, 32.8241



32.4589, 24.6259, 20.4953



29.6977, 24.6259, 12.8157

Triad

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



32.4589, 24.6259, 20.4953



17.7983, 24.6259, 13.3978



21.5014, 24.6259, 57.8485

Complementary

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



32.4589, 24.6259, 20.4953



36.1493, 47.8801, 56.0544

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.



18.0726, 24.6259, 48.4665



32.4589, 24.6259, 20.4953



16.1220, 24.6259, 21.5853

Square

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



32.4589, 24.6259, 20.4953



21.0813, 24.6259, 9.6829



16.2157, 24.6259, 34.3124



25.8960, 24.6259, 57.2771

Rectangle

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



32.4589, 24.6259, 20.4953



26.9230, 24.6259, 10.1926



16.2157, 24.6259, 34.3124



20.2097, 24.6259, 55.6541

Sweetspot

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



32.4595, 24.6271, 20.4958



80.9395, 78.8701, 82.3353



36.7768, 26.0466, 57.1219



16.8642, 16.1944, 16.7507



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.



32.4595, 24.6271, 20.4958



51.7478, 35.6972, 25.7132



36.3594, 33.2510, 19.2552



10.6767, 10.6541, 11.2808



15.2425, 7.8466, 1.2210



0.7369, 0.3776, 0.1377

Inverse Universe

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



32.4595, 24.6271, 20.4958



51.7478, 35.6972, 25.7132



30.1744, 34.3079, 59.0645



10.6767, 10.6541, 11.2808



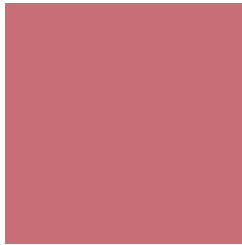
15.2425, 7.8466, 1.2210



0.7369, 0.3776, 0.1377

Previews

White Background



This preview shows how the XYZ color 32.4589, 24.6259, 20.4953 looks on a white background.

Color Contrast Check

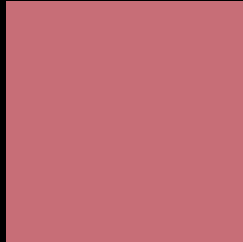
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4589, 24.6259, 20.4953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

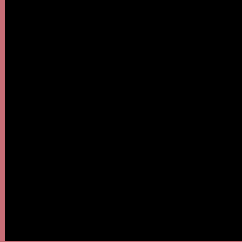
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.4589, 24.6259, 20.4953

Background



This preview shows how black text looks on a background with the XYZ color 32.4589, 24.6259, 20.4953.



This preview shows how white text looks on a background with the XYZ color 32.4589, 24.6259,

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

32.4589, 24.6259, 20.4953

Protanopia

23.8530, 24.8772, 25.7349

Deuteranopia

25.1154, 24.6385, 19.6516



Tritanopia

32.3991, 24.6020, 20.1806

Trichromacy



Original Color

32.4589, 24.6259, 20.4953

Protanomaly

26.1836, 24.3143, 23.7352

Deuteranomaly

27.2486, 24.1975, 19.7574

Tritanomaly

32.3991, 24.6020, 20.1806

Monochromacy



Original Color

32.4589, 24.6259, 20.4953

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.3131, 24.5506, 24.8246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4589, 24.6259, 20.4953 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, 110, 119)` looks like.

```
.text, #text, p{  
    color:rgb(199, 110, 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, 110, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 110, 119) }
```

Border

The CSS property to change the border of an element to XYZ 32.4589, 24.6259, 20.4953 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, 110, 119) }
```


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

```
.border{ border-color:rgb(199, 110, 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, 110, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 110, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 110, 119);  
box-shadow:4px 4px 4px 4px rgb(199, 110,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4589, 24.6259, 20.4953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 110, 119) }
```

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

```
.background{ background-color: rgb(199,  
110, 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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