

Converting Colors

XYZ(32.3651, 24.1949, 19.2353)

Have a look what the booklet for
XYZ(32.3651, 24.1949, 19.2353)
contains.

XYZ(32.4396, 24.1707, 19.1753)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.4396, 24.1707,
19.1753)**

Conversions

Conversions Part 1

Format	Color
Hex	C96B73
RGB	201, 107, 115
RGB Percent	79%, 42%, 45%
CMY	0.2118, 0.5804, 0.5490
CMYK	0.00, 0.47, 0.43, 0.21
HSL	355°, 47%, 60%
HSV	355°, 47%, 79%
XYZ	32.4396, 24.1707, 19.1753
YIQ	136.0180, 53.4560, 22.4160

Conversions

Conversions Part 2

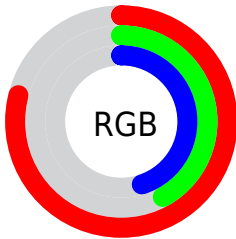
Format	Color
R_{YB}	201, 107, 115
Decimal	13200243
CIE _{Lab}	56.26, 37.96, 12.48
CIE _{LCh}	56, 39.961, 18.196
Yxy	24.1707, 0.4280, 0.3189
Android (android.graphics.Color)	4291390323 (0xFFC96B73)
YUV	136.0180, -10.3619, 56.9892
Hunter-Lab	49.1637, 31.7428, 11.2897

Details

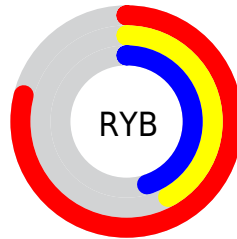
The XYZ color **32.4396, 24.1707, 19.1753** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.5769, 48.7499, 57.9369**, and the grayscale version is **23.4327, 24.6530, 26.8472**.

A 20% lighter version of the original color is **60.7859, 49.1916, 42.8504**, and **13.9289, 9.1629, 6.3447** is the 20% darker color. If you saturate the color by 10%, you get **29.6275, 20.0745, 13.5275**, and if you desaturate by 10%, it is **35.9511, 29.3279, 26.0983**.

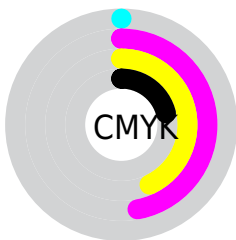
Distribution



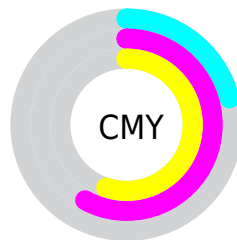
- Red (79%)
- Green (42%)
- Blue (45%)



- Red (79%)
- Yellow (42%)
- Blue (45%)



- Cyan (0%)
- Magenta (47%)
- Yellow (43%)
- Black (21%)





- Cyan (21%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4396, 24.1707, 19.1753 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 32.4396, 24.1707, 19.1753 by changing the saturation by 10% instead.

 32.4396, 24.1707,
19.1753


 32.4396, 24.1707,
19.1753


304.8268,
273.6823, 259.8697


 21.8547, 15.4603,
11.6189


 62.8602, 50.3086,
42.8707


 13.8662, 9.1431,
6.3654


 83.4265, 68.5049,
59.8469

 8.1087, 4.8346,
2.9961


 108.0507, 90.6320,
80.8000

 4.2170, 2.1506,
1.0927

 137.0981,
117.0742, 106.1487

 1.8256, 0.6928,
0.0000

170.9340,
148.2159, 136.3115

 0.5330, 0.0000,
0.0000

209.9239,

 0.0000, 0.0000,

184.4416, 171.7069

0.0000

254.4330,
226.1356, 212.7534

■ 32.4396, 24.1707,
19.1753

■ 32.4396, 24.1707,
19.1753

■ 29.6275, 20.0745,
13.5275

■ 35.9511, 29.3279,
26.0983

■ 27.4660, 16.9620,
9.0755

■ 40.2027, 35.6089,
34.3663

■ 25.9033, 14.7515,
5.7335


■ 45.2341, 43.0759,
44.0459


■ 24.8783, 13.3466,
3.4032


■ 51.0817, 51.7857,
55.1986


■ 24.3131, 12.6208,
1.9678

■ 57.7796, 61.7913,
67.8826

 24.1893, 12.4583,
1.6640

 65.3599, 73.1426,
82.1527

 73.8530, 85.8870,
98.0610

 77.8974, 91.1575,
108.0973

Harmonies

Analogous

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



32.7618, 24.1707, 31.8458



32.4396, 24.1707, 19.1753



29.3865, 24.1707, 11.5939

Triad

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



32.4396, 24.1707, 19.1753



16.9922, 24.1707, 12.7887



21.2117, 24.1707, 59.7050

Complementary

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



32.4396, 24.1707, 19.1753



36.5769, 48.7499, 57.9369

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.



17.5688, 24.1707, 50.0692



32.4396, 24.1707, 19.1753



15.3594, 24.1707, 21.4696

Square

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



32.4396, 24.1707, 19.1753



20.3214, 24.1707, 8.8457



15.5553, 24.1707, 35.0445



25.8469, 24.1707, 58.4521

Rectangle

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



32.4396, 24.1707, 19.1753



26.4170, 24.1707, 9.1120



15.5553, 24.1707, 35.0445



19.8431, 24.1707, 57.5286

Sweetspot

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



32.4402, 24.1719, 19.1757



79.8798, 77.3717, 80.0681



37.4381, 25.8880, 58.2820



16.6522, 15.8982, 16.2861



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.



32.4402, 24.1719, 19.1757



50.7163, 34.3565, 23.1422



36.8064, 33.6090, 18.4588



10.6699, 10.6513, 11.2449



15.2237, 7.8390, 1.1220



0.7338, 0.3763, 0.1212

Inverse Universe

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



32.4402, 24.1719, 19.1757



50.7163, 34.3565, 23.1422



29.7755, 33.6807, 60.1900



10.6699, 10.6513, 11.2449



15.2237, 7.8390, 1.1220



0.7338, 0.3763, 0.1212

Previews

White Background



This preview shows how the XYZ color 32.4396, 24.1707, 19.1753 looks on a white background.

Color Contrast Check

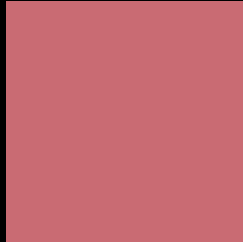
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4396, 24.1707, 19.1753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

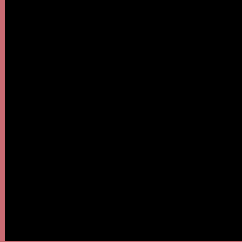
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.4396, 24.1707, 19.1753

Background



This preview shows how black text looks on a background with the XYZ color 32.4396, 24.1707, 19.1753.



This preview shows how white text looks on a background with the XYZ color 32.4396, 24.1707,

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

32.4396, 24.1707, 19.1753

Protanopia

23.2739, 24.4019, 24.2522

Deuteranopia

24.7565, 24.2811, 18.4208



Tritanopia

32.4396, 24.1707, 19.1753

Trichromacy



Original Color

32.4396, 24.1707, 19.1753

Protanomaly

25.8720, 23.8038, 22.2998

Deuteranomaly

27.1177, 23.9732, 18.5273

Tritanomaly

32.4396, 24.1707, 19.1753

Monochromacy



Original Color

32.4396, 24.1707, 19.1753

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.7271, 23.6993, 23.6405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4396, 24.1707, 19.1753 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(201, 107, 115)` looks like.

```
.text, #text, p{  
    color:rgb(201, 107, 115)  
}
```

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(201, 107, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 107, 115) }
```

Border

The CSS property to change the border of an element to XYZ 32.4396, 24.1707, 19.1753 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(201, 107, 115) }
```


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

```
.border{ border-color:rgb(201, 107, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 107, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 107, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 107, 115);  
box-shadow:4px 4px 4px 4px rgb(201, 107,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4396, 24.1707, 19.1753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 107, 115) }
```

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

```
.background{ background-color: rgb(201,  
107, 115) }
```

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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