

Converting Colors

XYZ(31.5570, 24.0979, 19.4146)

Have a look what the booklet for
XYZ(31.5570, 24.0979, 19.4146)
contains.

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Color

**XYZ(31.6470, 24.0685,
19.5007)**

Conversions

Conversions Part 1

Format	Color
Hex	C56D74
RGB	197, 109, 116
RGB Percent	77%, 43%, 45%
CMY	0.2275, 0.5725, 0.5451
CMYK	0.00, 0.45, 0.41, 0.23
HSL	355°, 43%, 60%
HSV	355°, 45%, 77%
XYZ	31.6470, 24.0685, 19.5007
YIQ	136.1100, 50.2010, 20.8330

Conversions

Conversions Part 2

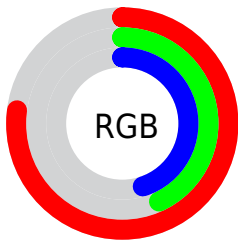
Format	Color
R_{YB}	197, 109, 116
Decimal	12938612
CIE _{Lab}	56.16, 35.53, 11.67
CIE _{LCh}	56, 37.401, 18.185
Yxy	24.0685, 0.4207, 0.3200
Android (android.graphics.Color)	4291128692 (0xFFC56D74)
YUV	136.1100, -9.9142, 53.4005
Hunter-Lab	49.0597, 29.2909, 10.7746

Details

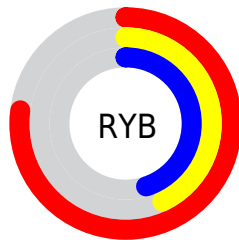
The XYZ color **31.6470, 24.0685, 19.5007** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **35.5684, 46.9020, 55.8962**, and the grayscale version is **23.4663, 24.6884, 26.8857**.

A 20% lighter version of the original color is **61.2282, 49.9278, 43.4557**, and **13.4226, 9.1207, 6.5219** is the 20% darker color. If you saturate the color by 10%, you get **28.8222, 19.9453, 13.8531**, and if you desaturate by 10%, it is **35.1500, 29.2183, 26.3906**.

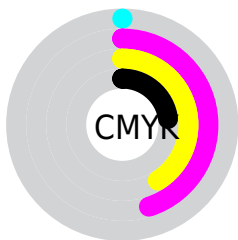
Distribution



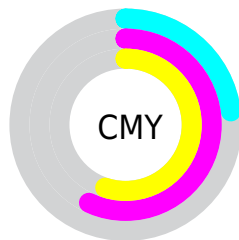
- Red (77%)
- Green (43%)
- Blue (45%)



- Red (77%)
- Yellow (43%)
- Blue (45%)



- Cyan (0%)
- Magenta (45%)
- Yellow (41%)
- Black (23%)





- Cyan (23%)
- Magenta (57%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.6470, 24.0685, 19.5007 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 31.6470, 24.0685, 19.5007 by changing the saturation by 10% instead.


 31.6470, 24.0685,
19.5007


 31.6470, 24.0685,
19.5007


301.2820,
273.1666, 261.7134


 21.2463, 15.3844,
11.8522


 61.6262, 50.1420,
43.4264


 13.4176, 9.0896,
6.5218


 81.9354, 68.3001,
60.5406

 7.7957, 4.7997,
3.0910


 106.2781, 90.3852,
81.6471

 4.0152, 2.1302,
1.1413

 135.0197,
116.7814, 107.1645

 1.7107, 0.6815,
0.0000

168.5255,
147.8733, 137.5113

 0.4630, 0.0000,
0.0000

207.1610,

 0.0000, 0.0000,

184.0452, 173.1060

0.0000

251.2913,
225.6815, 214.3672

■ 31.6470, 24.0685,
19.5007

■ 31.6470, 24.0685,
19.5007

■ 28.8222, 19.9453,
13.8531

■ 35.1500, 29.2183,
26.3906

■ 26.6297, 16.7767,
9.3725

■ 39.3691, 35.4533,
34.5894

■ 25.0211, 14.4869,
5.9775


■ 44.3419, 42.8320,
44.1605


■ 23.9401, 12.9872,
3.5755


■ 50.1027, 51.4077,
55.1626


■ 23.3191, 12.1701,
2.0586

■ 56.6836, 61.2301,
67.6514

 23.1170, 11.9067,
1.5569

 64.1152, 72.3465,
81.6791

 72.4261, 84.8013,
97.2959

 76.8360, 90.6103,
108.0476

Harmonies

Analogous

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



31.9426, 24.0685, 31.3502



31.6470, 24.0685, 19.5007



28.8318, 24.0685, 12.2431

Triad

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



31.6470, 24.0685, 19.5007



17.2603, 24.0685, 13.3955



21.2278, 24.0685, 56.8169

Complementary

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



31.6470, 24.0685, 19.5007



35.5684, 46.9020, 55.8962

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.



17.8033, 24.0685, 48.0639



31.6470, 24.0685, 19.5007



15.7119, 24.0685, 21.6587

Square

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



31.6470, 24.0685, 19.5007



20.3963, 24.0685, 9.5543



15.8973, 24.0685, 34.2964



25.5498, 24.0685, 55.6860

Rectangle

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



31.6470, 24.0685, 19.5007



26.0824, 24.0685, 9.8181



15.8973, 24.0685, 34.2964



19.9445, 24.0685, 54.8437

Sweetspot

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



31.6476, 24.0697, 19.5012



80.8419, 78.8311, 81.8217



36.6994, 25.8740, 55.8833



16.8405, 16.1849, 16.6260



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.



31.6476, 24.0697, 19.5012



51.5489, 35.6176, 24.6654



36.0146, 33.4307, 19.0241



10.6675, 10.6504, 11.2325



15.2177, 7.8367, 1.0905



0.7327, 0.3759, 0.1154

Inverse Universe

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



31.6476, 24.0697, 19.5012



51.5489, 35.6176, 24.6654



29.0145, 32.5409, 57.5752



10.6675, 10.6504, 11.2325



15.2177, 7.8367, 1.0905



0.7327, 0.3759, 0.1154

Previews

White Background



This preview shows how the XYZ color 31.6470, 24.0685, 19.5007 looks on a white background.

Color Contrast Check

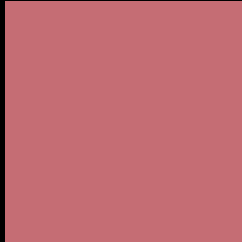
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.6470, 24.0685, 19.5007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

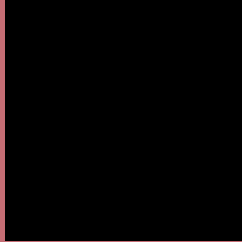
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.6470, 24.0685, 19.5007

Background



This preview shows how black text looks on a background with the XYZ color 31.6470, 24.0685, 19.5007.



This preview shows how white text looks on a background with the XYZ color 31.6470, 24.0685,

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

31.6470, 24.0685, 19.5007

Protanopia

23.2739, 24.4019, 24.2522

Deuteranopia

24.6176, 24.2030, 18.7034



Tritanopia

31.7055, 24.0919, 19.8088

Trichromacy



Original Color

31.6470, 24.0685, 19.5007

Protanomaly

25.5961, 23.8505, 22.3233

Deuteranomaly

26.7348, 23.7692, 18.8016

Tritanomaly

31.7055, 24.0919, 19.8088

Monochromacy



Original Color

31.6470, 24.0685, 19.5007

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.5239, 23.7758, 24.0128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.6470, 24.0685, 19.5007 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(197, 109, 116)` looks like.

```
.text, #text, p{  
    color:rgb(197, 109, 116)  
}
```

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(197, 109, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 109, 116) }
```

Border

The CSS property to change the border of an element to XYZ 31.6470, 24.0685, 19.5007 is called "border". The border property can be set on classes, ids or directly on the HTML element.

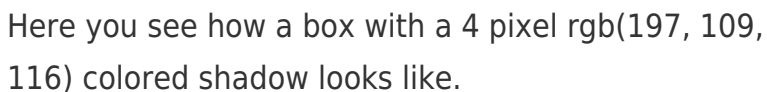
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 109, 116) }
```


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

```
.border{ border-color:rgb(197, 109, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 109, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 109, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 109, 116); box-shadow:4px 4px 4px 4px rgb(197, 109, 116) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6470, 24.0685, 19.5007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 109, 116) }
```

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

```
.background{ background-color: rgb(197,  
109, 116) }
```

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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