

Converting Colors

XYZ(30.4282, 24.1015, 18.9679)

Have a look what the booklet for
XYZ(30.4282, 24.1015, 18.9679)
contains.

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Color

**XYZ(30.4282, 24.1015,
18.9679)**

Conversions

Conversions Part 1

Format	Color
Hex	BF7172
RGB	191, 113, 114
RGB Percent	75%, 44%, 45%
CMY	0.2510, 0.5568, 0.5529
CMYK	0.00, 0.41, 0.40, 0.25
HSL	359°, 38%, 60%
HSV	359°, 41%, 75%
XYZ	30.4282, 24.1015, 18.9679
YIQ	136.4360, 46.1670, 16.8470

Conversions

Conversions Part 2

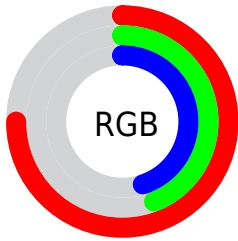
Format	Color
R_{YB}	191, 113, 114
Decimal	12546418
CIE _{Lab}	56.19, 30.88, 12.77
CIE _{LCh}	56, 33.418, 22.457
Yxy	24.1015, 0.4140, 0.3279
Android (android.graphics.Color)	4290736498 (0xFFBF7172)
YUV	136.4360, -11.0609, 47.8526
Hunter-Lab	49.0933, 24.7217, 11.4577

Details

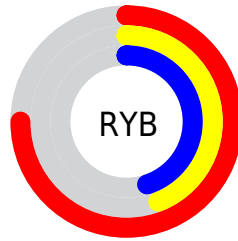
The XYZ color **30.4282, 24.1015, 18.9679** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **34.7362, 44.4904, 55.4743**, and the grayscale version is **23.5940, 24.8227, 27.0320**.

A 20% lighter version of the original color is **59.9435, 50.3496, 42.6355**, and **12.7525, 9.0993, 6.2385** is the 20% darker color. If you saturate the color by 10%, you get **27.5522, 19.8938, 13.2487**, and if you desaturate by 10%, it is **33.9751, 29.2969, 26.0027**.

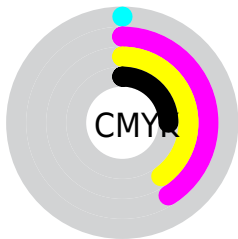
Distribution



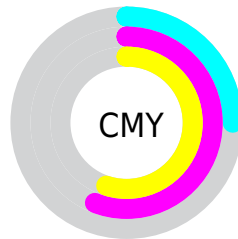
- Red (75%)
- Green (44%)
- Blue (45%)



- Red (75%)
- Yellow (44%)
- Blue (45%)



- Cyan (0%)
- Magenta (41%)
- Yellow (40%)
- Black (25%)



- Cyan (25%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4282, 24.1015, 18.9679 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 30.4282, 24.1015, 18.9679 by changing the saturation by 10% instead.

30.4282, 24.1015,
18.9679

30.4282, 24.1015,
18.9679

295.7695,
273.3332, 258.6883

20.3135, 15.4089,
11.4705

59.7207, 50.1958,
42.5158

12.7327, 9.1069,
6.2661

79.6292, 68.3663,
59.4034

7.3205, 4.8110,
2.9362

103.5330, 90.4649,
80.2582

3.7114, 2.1368,
1.0621

131.7975,
116.8760, 105.4987

1.5402, 0.6852,
0.0000

164.7881,
147.9840, 135.5434

0.3530, 0.0000,
0.0000

202.8700,

0.0000, 0.0000,

184.1732, 170.8109

0.0000

246.4087,
225.8282, 211.7197

■ 30.4282, 24.1015,
18.9679

■ 30.4282, 24.1015,
18.9679

■ 27.5522, 19.8938,
13.2487

■ 33.9751, 29.2969,
26.0027

■ 25.3033, 16.6079,
8.7622

■ 38.2295, 35.5333,
34.4265

■ 23.6351, 14.1759,
5.4182


■ 43.2275, 42.8642,
44.3085


■ 22.4944, 12.5187,
3.1136


■ 49.0023, 51.3387,
55.7133


■ 21.8180, 11.5426,
1.7268

■ 55.5849, 61.0028,
68.7015

 21.4992, 11.0817,
1.0759

 63.0049, 71.8998,
83.3302

 71.2901, 84.0711,
99.6540

 75.2958, 89.8163,
107.9755

Harmonies

Analogous

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



31.0313, 24.1015, 29.1163



30.4282, 24.1015, 18.9679



27.7060, 24.1015, 12.7972

Triad

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



30.4282, 24.1015, 18.9679



17.5398, 24.1015, 15.3543



21.9524, 24.1015, 53.2698

Complementary

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



30.4282, 24.1015, 18.9679



34.7362, 44.4904, 55.4743

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.



18.6981, 24.1015, 46.8237



30.4282, 24.1015, 18.9679



16.3423, 24.1015, 23.5642

Square

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



30.4282, 24.1015, 18.9679



20.2025, 24.1015, 11.1539



16.7413, 24.1015, 35.1732



25.8443, 24.1015, 51.0256

Rectangle

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



30.4282, 24.1015, 18.9679



25.2053, 24.1015, 10.8072



16.7413, 24.1015, 35.1732



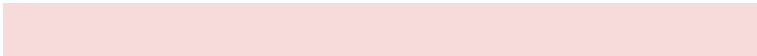
20.7542, 24.1015, 51.9972

Sweetspot

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



30.4288, 24.1027, 18.9684



76.1277, 74.8730, 76.8014



36.4700, 26.4816, 52.4793



16.4454, 16.0431, 16.3282



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.4288, 24.1027, 18.9684



49.8375, 36.3481, 24.7063



35.4855, 34.3063, 20.3758



9.5350, 9.5383, 9.9402



14.1313, 7.2837, 0.7190



0.5552, 0.2860, 0.0372

Inverse Universe

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



30.4288, 24.1027, 18.9684



49.8375, 36.3481, 24.7063



27.6555, 30.1542, 53.6528



9.5350, 9.5383, 9.9402



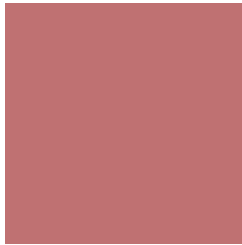
14.1313, 7.2837, 0.7190



0.5552, 0.2860, 0.0372

Previews

White Background



This preview shows how the XYZ color 30.4282, 24.1015, 18.9679 looks on a white background.

Color Contrast Check

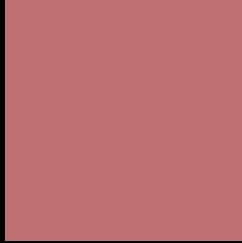
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4282, 24.1015, 18.9679 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 30.4282, 24.1015, 18.9679

Background



This preview shows how black text looks on a background with the XYZ color 30.4282, 24.1015, 18.9679.



This preview shows how white text looks on a background with the XYZ color 30.4282, 24.1015,

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

30.4282, 24.1015, 18.9679

Protanopia

23.1809, 24.3841, 22.8869

Deuteranopia

24.7565, 24.2811, 18.4208



Tritanopia

30.9226, 24.1509, 20.8011

Trichromacy



Original Color

30.4282, 24.1015, 18.9679

Protanomaly

25.3386, 23.9301, 21.3726

Deuteranomaly

26.4945, 24.0202, 18.5692

Tritanomaly

30.8024, 24.1028, 20.1684

Monochromacy



Original Color

30.4282, 24.1015, 18.9679

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.3258, 24.0648, 23.7322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4282, 24.1015, 18.9679 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(191, 113, 114)` looks like.

```
.text, #text, p{  
    color:rgb(191, 113, 114)  
}
```

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(191, 113, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 113, 114) }
```

Border

The CSS property to change the border of an element to XYZ 30.4282, 24.1015, 18.9679 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(191, 113, 114) }
```


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

```
.border{ border-color:rgb(191, 113, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 113, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 113, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 113, 114);  
box-shadow:4px 4px 4px 4px rgb(191, 113,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4282, 24.1015, 18.9679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 113, 114) }
```

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

```
.background{ background-color: rgb(191,  
113, 114) }
```

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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