

Converting Colors

XYZ(30.1484, 23.9420, 17.6418)

Have a look what the booklet for
XYZ(30.1484, 23.9420, 17.6418)
contains.

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Color

**XYZ(30.2055, 24.0124,
17.7947)**

Conversions

Conversions Part 1

Format	Color
Hex	BF716E
RGB	191, 113, 110
RGB Percent	75%, 44%, 43%
CMY	0.2510, 0.5568, 0.5686
CMYK	0.00, 0.41, 0.42, 0.25
HSL	2°, 39%, 59%
HSV	2°, 42%, 75%
XYZ	30.2055, 24.0124, 17.7947
YIQ	135.9800, 47.4510, 15.6030

Conversions

Conversions Part 2

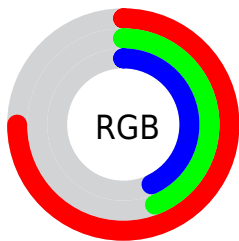
Format	Color
R_{YB}	191, 113, 110
Decimal	12546414
CIE _{Lab}	56.10, 30.43, 14.96
CIE _{LCh}	56, 33.911, 26.184
Yxy	24.0124, 0.4194, 0.3334
Android (android.graphics.Color)	4290736494 (0xFFBF716E)
YUV	135.9800, -12.8081, 48.2525
Hunter-Lab	49.0024, 24.2745, 12.7712

Details

The XYZ color **30.2055, 24.0124, 17.7947** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **33.8168, 43.0413, 55.8158**, and the grayscale version is **23.4288, 24.6490, 26.8427**.

A 20% lighter version of the original color is **59.5821, 50.2051, 40.7326**, and **12.6387, 9.0537, 5.6388** is the 20% darker color. If you saturate the color by 10%, you get **27.4274, 19.9450, 12.2793**, and if you desaturate by 10%, it is **33.6247, 29.0034, 24.6301**.

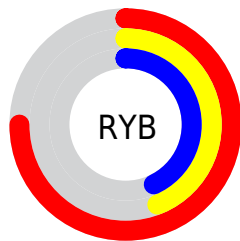
Distribution



Red (75%)

Green (44%)

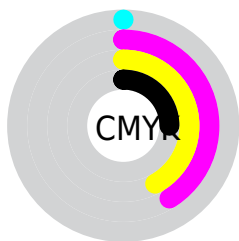
Blue (43%)



Red (75%)

Yellow (44%)

Blue (43%)

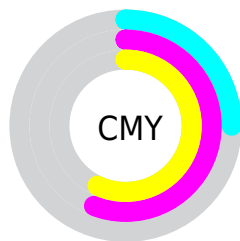


Cyan (0%)

Magenta (41%)

Yellow (42%)

Black (25%)



Cyan (25%)


Magenta (56%)


Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2055, 24.0124, 17.7947 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 30.2055, 24.0124, 17.7947 by changing the saturation by 10% instead.


 30.2055, 24.0124,
17.7947


 30.2055, 24.0124,
17.7947


294.7538,
272.8832, 251.9084


 20.1435, 15.3428,
10.6348


 59.3714, 50.0504,
40.4964


 12.6082, 9.0603,
5.7108


 79.2060, 68.1877,
56.8752

 7.2345, 4.7806,
2.6041


 103.0288, 90.2496,
77.1641

 3.6568, 2.1191,
0.8946

 131.2052,
116.6206, 101.7817

 1.5099, 0.6753,
0.0000

164.1006,
147.6850, 131.1463

 0.3325, 0.0000,
0.0000

202.0802,

 0.0000, 0.0000,

183.8274, 165.6766

0.0000

245.5095,
225.4319, 205.7912

■ 30.2055, 24.0124,
17.7947

■ 30.2055, 24.0124,
17.7947

■ 27.4274, 19.9450,
12.2793

■ 33.6247, 29.0034,
24.6301

■ 25.2489, 16.7412,
7.9975

■ 37.7197, 34.9661,
32.8615

■ 23.6262, 14.3397,
4.8548


■ 42.5247, 41.9493,
42.5610


■ 22.5089, 12.6696,
2.7425


■ 48.0711, 49.9977,
53.7951

■ 21.8376, 11.6475,
1.5307

■ 54.3884, 59.1534,
66.6263

 21.5628, 11.2302,
1.0312

 61.5047, 69.4560,
81.1138

 69.4463, 80.9432,
97.3135

 75.2959, 89.8164,
107.9755

Harmonies

Analogous

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



31.1188, 24.0124, 27.5953



30.2055, 24.0124, 17.7947



27.2386, 24.0124, 12.0929

Triad

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



30.2055, 24.0124, 17.7947



17.1615, 24.0124, 15.9539



22.3295, 24.0124, 53.8333

Complementary

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



30.2055, 24.0124, 17.7947



33.8168, 43.0413, 55.8158

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.



18.9126, 24.0124, 48.2563



30.2055, 24.0124, 17.7947



16.1506, 24.0124, 24.7472

Square

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



30.2055, 24.0124, 17.7947



19.6825, 24.0124, 11.2611



16.7536, 24.0124, 36.7692



26.2811, 24.0124, 50.4306

Rectangle

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



30.2055, 24.0124, 17.7947



24.6541, 24.0124, 10.3856



16.7536, 24.0124, 36.7692



21.0850, 24.0124, 52.9135

Sweetspot

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



30.2061, 24.0136, 17.7952



75.4273, 74.0645, 74.7415



36.1714, 25.8722, 50.8342



16.1209, 15.6215, 15.5189



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.



30.2061, 24.0136, 17.7952



49.3905, 36.1144, 22.5216



35.7245, 35.0503, 19.6346



9.5578, 9.5916, 9.9242



14.1839, 7.4065, 0.6820



0.5654, 0.3098, 0.0300

Inverse Universe

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



33.8168, 43.0413, 55.8158



56.7083, 74.7211, 99.7129



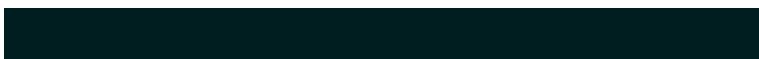
26.3931, 28.1939, 53.3412



9.7774, 10.7472, 12.2313



17.4468, 25.0052, 36.2999



0.6929, 0.9985, 1.4251

Previews

White Background



This preview shows how the XYZ color 30.2055, 24.0124, 17.7947 looks on a white background.

Color Contrast Check

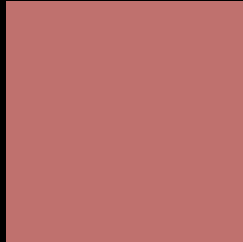
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.2055, 24.0124, 17.7947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

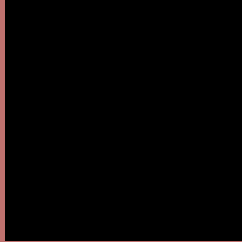
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.2055, 24.0124, 17.7947

Background



This preview shows how black text looks on a background with the XYZ color 30.2055, 24.0124, 17.7947.



This preview shows how white text looks on a background with the XYZ color 30.2055, 24.0124,

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

30.2055, 24.0124, 17.7947

Protanopia

22.9608, 24.0934, 21.5295

Deuteranopia

24.5411, 24.1949, 17.2865



Tritanopia

30.9226, 24.1509, 20.8011

Trichromacy



Original Color

30.2055, 24.0124, 17.7947

Protanomaly

24.9698, 23.5770, 20.0644

Deuteranomaly

26.2766, 23.9330, 17.4220

Tritanomaly

30.6848, 24.0558, 19.5490

Monochromacy



Original Color

30.2055, 24.0124, 17.7947

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.2602, 24.0386, 23.3872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2055, 24.0124, 17.7947 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, 110)` looks like.

```
.text, #text, p{  
    color:rgb(191, 113, 110)  
}
```

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, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 113, 110) }
```

Border

The CSS property to change the border of an element to XYZ 30.2055, 24.0124, 17.7947 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, 110) }
```


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

```
.border{ border-color:rgb(191, 113, 110) }
```

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, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 113, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 113, 110);  
box-shadow:4px 4px 4px 4px rgb(191, 113,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2055, 24.0124, 17.7947 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, 110) }
```

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

```
.background{ background-color: rgb(191,  
113, 110) }
```

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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