

Converting Colors

XYZ(29.7352, 24.1313, 14.0670)

Have a look what the booklet for
XYZ(29.7352, 24.1313, 14.0670)
contains.

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Color

**XYZ(29.7279, 24.1824,
14.1672)**

Conversions

Conversions Part 1

Format	Color
Hex	BF7360
RGB	191, 115, 96
RGB Percent	75%, 45%, 38%
CMY	0.2510, 0.5490, 0.6235
CMYK	0.00, 0.40, 0.50, 0.25
HSL	12°, 43%, 56%
HSV	12°, 50%, 75%
XYZ	29.7279, 24.1824, 14.1672
YIQ	135.5580, 51.3950, 10.2030

Conversions

Conversions Part 2

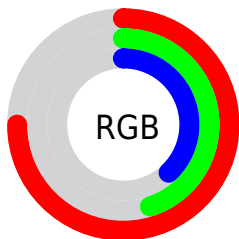
Format	Color
RYB	191, 120, 96
Decimal	12546912
CIELab	56.27, 27.89, 23.26
CIELCh	56, 36.316, 39.823
Yxy	24.1824, 0.4367, 0.3552
Android (android.graphics.Color)	4290736992 (0xFFBF7360)
YUV	135.5580, -19.5021, 48.6226
Hunter-Lab	49.1756, 21.8505, 17.3418

Details

The XYZ color **29.7279, 24.1824, 14.1672** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **28.9795, 35.7516, 54.6633**, and the grayscale version is **23.2943, 24.5074, 26.6885**.

A 20% lighter version of the original color is **58.6934, 50.4358, 34.2454**, and **12.3341, 9.1865, 4.0288** is the 20% darker color. If you saturate the color by 10%, you get **27.3528, 20.6727, 9.5515**, and if you desaturate by 10%, it is **32.6066, 28.3575, 20.0052**.

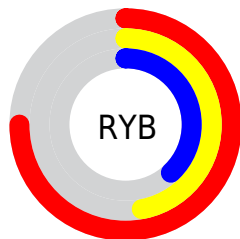
Distribution



Red (75%)

Green (45%)

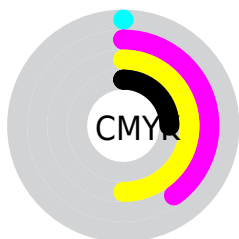
Blue (38%)



Red (75%)

Yellow (47%)

Blue (38%)

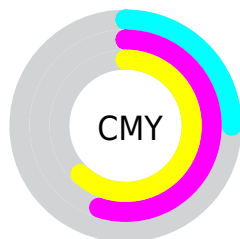


Cyan (0%)

Magenta (40%)

Yellow (50%)

Black (25%)



Cyan (25%)


Magenta (55%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.7279, 24.1824, 14.1672 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 29.7279, 24.1824, 14.1672 by changing the saturation by 10% instead.


 29.7279, 24.1824,
14.1672


 29.7279, 24.1824,
14.1672


292.5667,
273.7413, 229.7330

 19.7792, 15.4690,
8.0970


 58.6212, 50.3277,
34.1068

 12.3420, 9.1492,
4.0684


 78.2965, 68.5283,
48.8132

 7.0509, 4.8386,
1.6629


 101.9447, 90.6602,
67.2355

 3.5406, 2.1529,
0.3352

 129.9311,
117.1077, 89.7921

 1.4456, 0.6941,
0.0000

162.6212,
148.2551, 116.9016

 0.2884, 0.0000,
0.0000

200.3803,

 0.0000, 0.0000,

184.4869, 148.9826

0.0000

243.5736,
226.1876, 186.4535

■ 29.7279, 24.1824,
14.1672

■ 29.7279, 24.1824,
14.1672

■ 27.3528, 20.6727,
9.5515

■ 32.6066, 28.3575,
20.0052

■ 25.4496, 17.7901,
6.0690

■ 36.0146, 33.2266,
27.1431

■ 23.9855, 15.4978,
3.6208


■ 39.9778, 38.8210,
35.6537


■ 22.9225, 13.7535,
2.0899


■ 44.5199, 45.1687,
45.6039


■ 22.2013, 12.5030,
1.2576


■ 49.6632, 52.2966,
57.0565

 22.1856, 12.4760,
1.2388

 55.4289, 60.2300,
70.0702

 61.8370, 68.9933,
84.7007

 68.9066, 78.6095,
101.0011

 74.5086, 88.2420,
107.7131

Harmonies

Analogous

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



31.8503, 24.1824, 22.5947



29.7279, 24.1824, 14.1672



25.8703, 24.1824, 10.0935

Triad

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



29.7279, 24.1824, 14.1672



16.2347, 24.1824, 19.1613



24.3836, 24.1824, 56.1538

Complementary

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



29.7279, 24.1824, 14.1672



28.9795, 35.7516, 54.6633

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.



20.3220, 24.1824, 54.3911



29.7279, 24.1824, 14.1672



15.9388, 24.1824, 30.4570

Square

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



29.7279, 24.1824, 14.1672



18.2112, 24.1824, 12.3114



17.3470, 24.1824, 43.9980



28.5268, 24.1824, 48.2655

Rectangle

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



29.7279, 24.1824, 14.1672



23.0094, 24.1824, 9.3662



17.3470, 24.1824, 43.9980



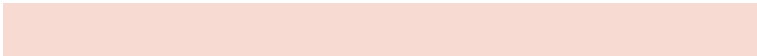
22.9599, 24.1824, 56.7147

Sweetspot

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



29.7285, 24.1836, 14.1677



75.1309, 74.4751, 71.5499



33.1151, 22.4208, 41.6120



16.1246, 15.8314, 14.8960



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.



29.7285, 24.1836, 14.1677



48.5321, 36.3407, 16.2459



36.6057, 37.9380, 16.4601



9.6806, 9.8372, 9.9652



14.6268, 8.2923, 0.8297



0.6195, 0.4180, 0.0480

Inverse Universe

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



28.9795, 35.7516, 54.6633



46.9651, 59.3532, 97.2601



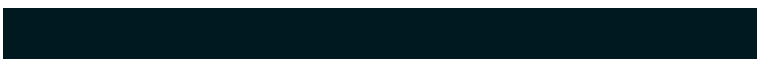
21.4985, 20.7895, 52.1696



9.6421, 10.4764, 12.1862



13.7015, 17.5148, 35.0514



0.5787, 0.7700, 1.3870

Previews

White Background



This preview shows how the XYZ color 29.7279, 24.1824, 14.1672 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 29.7279, 24.1824, 14.1672 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 29.7279, 24.1824, 14.1672

Background



This preview shows how black text looks on a background with the XYZ color 29.7279, 24.1824, 14.1672.



This preview shows how white text looks on a background with the XYZ color 29.7279, 24.1824,

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

29.7279, 24.1824, 14.1672

Protanopia

22.7154, 24.2772, 16.8533

Deuteranopia

24.8587, 24.4370, 13.7625



Tritanopia

31.1767, 24.2819, 20.8130

Trichromacy



Original Color

29.7279, 24.1824, 14.1672

Protanomaly

24.8154, 23.9747, 15.8900

Deuteranomaly

26.5876, 24.3596, 13.8902

Tritanomaly

30.5126, 24.1644, 18.0949

Monochromacy



Original Color

29.7279, 24.1824, 14.1672

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.8807, 23.8867, 21.3884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7279, 24.1824, 14.1672 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, 115, 96)` looks like.

```
.text, #text, p{  
    color:rgb(191, 115, 96)  
}
```

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, 115, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 115, 96) }
```

Border

The CSS property to change the border of an element to XYZ 29.7279, 24.1824, 14.1672 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, 115, 96) }
```


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

```
.border{ border-color:rgb(191, 115, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 115, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 115, 96); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 115, 96); box-shadow:4px 4px 4px 4px rgb(191, 115, 96) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7279, 24.1824, 14.1672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 115, 96) }
```

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

```
.background{ background-color: rgb(191,  
115, 96) }
```

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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