

Converting Colors

XYZ(29.9547, 22.5022, 15.8613)

Have a look what the booklet for
XYZ(29.9547, 22.5022, 15.8613)
contains.

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Color

**XYZ(29.9547, 22.5022,
15.8613)**

Conversions

Conversions Part 1

Format	Color
Hex	C36868
RGB	195, 104, 104
RGB Percent	76%, 41%, 41%
CMY	0.2353, 0.5921, 0.5922
CMYK	0.00, 0.47, 0.47, 0.24
HSL	0°, 43%, 59%
HSV	0°, 47%, 76%
XYZ	29.9547, 22.5022, 15.8613
YIQ	131.2090, 54.2360, 19.2920

Conversions

Conversions Part 2

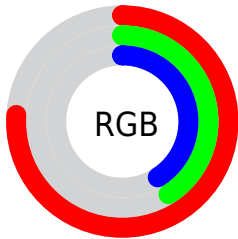
Format	Color
RYB	195, 104, 104
Decimal	12806248
CIELab	54.56, 36.14, 16.41
CIELCh	55, 39.694, 24.426
Yxy	22.5022, 0.4385, 0.3294
Android (android.graphics.Color)	4290996328 (0xFFC36868)
YUV	131.2090, -13.4140, 55.9447
Hunter-Lab	47.4365, 29.7035, 13.3808

Details

The XYZ color **29.9547, 22.5022, 15.8613** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **35.0734, 45.9113, 58.6429**, and the grayscale version is **21.6816, 22.8107, 24.8409**.

A 20% lighter version of the original color is **58.8464, 47.5513, 37.0871**, and **12.5389, 8.3370, 4.8192** is the 20% darker color. If you saturate the color by 10%, you get **27.3354, 18.6697, 10.6536**, and if you desaturate by 10%, it is **33.2580, 27.3362, 22.4272**.

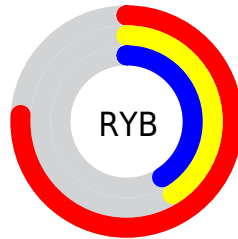
Distribution



Red (76%)

Green (41%)

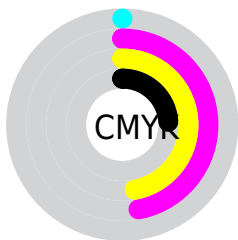
Blue (41%)



Red (76%)

Yellow (41%)

Blue (41%)

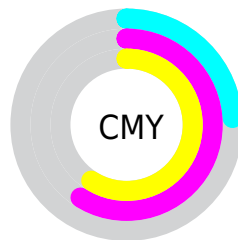


Cyan (0%)

Magenta (47%)

Yellow (47%)

Black (24%)



Cyan (24%)

Magenta (59%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.9547, 22.5022, 15.8613 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 29.9547, 22.5022, 15.8613 by changing the saturation by 10% instead.


 29.9547, 22.5022,
15.8613


 29.9547, 22.5022,
15.8613


293.6069,
265.1578, 240.3396


 19.9521, 14.2264,
9.2728


 58.9777, 47.5746,
37.1207


 12.4683, 8.2783,
4.8203


 78.7287, 65.1400,
52.6286

 7.1379, 4.2735,
2.0853


 102.4600, 86.5707,
71.9468

 3.5956, 1.8277,
0.6070

 130.5368,
112.2512, 95.4937

 1.4760, 0.5044,
0.0000

163.3246,
142.5657, 123.6878

 0.3094, 0.0000,
0.0000

201.1886,

 0.0000, 0.0000,

177.8987, 156.9479

0.0000

244.4942,
218.6346, 195.6923

■ 29.9547, 22.5022,
15.8613

■ 29.9547, 22.5022,
15.8613

■ 27.3354, 18.6697,
10.6536

■ 33.2580, 27.3362,
22.4272

■ 25.3506, 15.7652,
6.7080

■ 37.2866, 33.2313,
30.4360

■ 23.9469, 13.7113,
3.9179


■ 42.0809, 40.2467,
39.9668


■ 23.0617, 12.4159,
2.1584


■ 47.6775, 48.4361,
51.0927


■ 22.6119, 11.7577,
1.2644

■ 54.1108, 57.8498,
63.8819

 22.5058, 11.6023,
1.0533

 61.4132, 68.5352,
78.3990

 69.6154, 80.5372,
94.7048

 76.3156, 90.3421,
108.0232

Harmonies

Analogous

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



30.8522, 22.5022, 26.9053



29.9547, 22.5022, 15.8613



26.6389, 22.5022, 9.7126

Triad

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



29.9547, 22.5022, 15.8613



15.2736, 22.5022, 13.0292



20.5845, 22.5022, 56.9631

Complementary

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



29.9547, 22.5022, 15.8613



35.0734, 45.9113, 58.6429

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.



16.8763, 22.5022, 49.6442



29.9547, 22.5022, 15.8613



14.0886, 22.5022, 22.2445

Square

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



29.9547, 22.5022, 15.8613



18.1082, 22.5022, 8.5089



14.6329, 22.5022, 35.8173



25.0409, 22.5022, 53.4688

Rectangle

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



29.9547, 22.5022, 15.8613



23.7158, 22.5022, 7.8986



14.6329, 22.5022, 35.8173



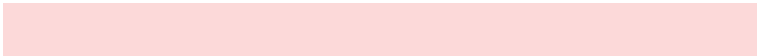
19.2171, 22.5022, 55.6273

Sweetspot

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



29.9553, 22.5034, 15.8617



77.6873, 75.4767, 76.1925



37.3064, 25.4430, 54.5744



16.5556, 15.8598, 15.7767



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.



29.9553, 22.5034, 15.8617



48.8754, 33.3165, 18.9162



35.8312, 34.2552, 17.8203



10.0733, 10.0780, 10.4762



14.6276, 7.5409, 0.6846



0.6320, 0.3259, 0.0296

Inverse Universe

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



35.0734, 45.9113, 58.6429



59.1570, 80.3405, 104.8592



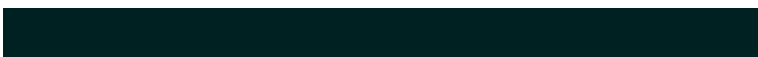
26.3861, 28.5368, 55.7472



10.3685, 11.4284, 12.9442



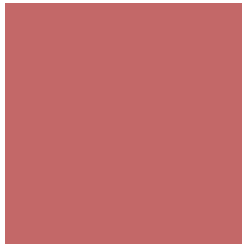
19.0845, 27.9255, 37.9409



0.8246, 1.2066, 1.6393

Previews

White Background



This preview shows how the XYZ color 29.9547, 22.5022, 15.8613 looks on a white background.

Color Contrast Check

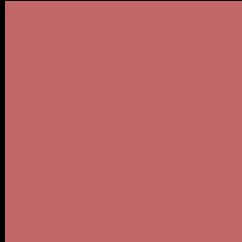
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9547, 22.5022, 15.8613 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 29.9547, 22.5022, 15.8613

Background



This preview shows how black text looks on a background with the XYZ color 29.9547, 22.5022, 15.8613.



This preview shows how white text looks on a background with the XYZ color 29.9547, 22.5022,

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

29.9547, 22.5022, 15.8613

Protanopia

21.6437, 22.8353, 20.0965

Deuteranopia

23.0875, 22.7118, 15.2236



Tritanopia

30.1704, 22.4284, 17.4908

Trichromacy



Original Color

29.9547, 22.5022, 15.8613

Protanomaly

23.8626, 22.1137, 18.3399

Deuteranomaly

25.1896, 22.3315, 15.2947

Tritanomaly

30.0627, 22.3853, 16.9237

Monochromacy



Original Color

29.9547, 22.5022, 15.8613

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

23.6150, 21.9252, 21.0765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9547, 22.5022, 15.8613 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(195, 104, 104)` looks like.

```
.text, #text, p{  
    color:rgb(195, 104, 104)  
}
```

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(195, 104, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 104, 104) }
```

Border

The CSS property to change the border of an element to XYZ 29.9547, 22.5022, 15.8613 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(195, 104, 104) }
```


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

```
.border{ border-color:rgb(195, 104, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 104, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 104, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 104, 104);  
box-shadow:4px 4px 4px 4px rgb(195, 104,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9547, 22.5022, 15.8613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 104, 104) }
```

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

```
.background{ background-color: rgb(195,  
104, 104) }
```

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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