

Converting Colors

XYZ(29.6647, 22.6363, 15.1534)

Have a look what the booklet for
XYZ(29.6647, 22.6363, 15.1534)
contains.

XYZ(29.7511, 22.7170, 15.1287)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.7511, 22.7170,
15.1287)**

Conversions

Conversions Part 1

Format	Color
Hex	C26A65
RGB	194, 106, 101
RGB Percent	76%, 42%, 40%
CMY	0.2392, 0.5843, 0.6039
CMYK	0.00, 0.45, 0.48, 0.24
HSL	3°, 43%, 58%
HSV	3°, 48%, 76%
XYZ	29.7511, 22.7170, 15.1287
YIQ	131.7420, 54.0530, 17.1010

Conversions

Conversions Part 2

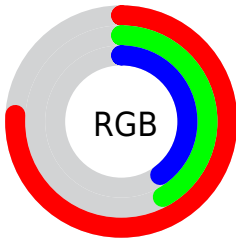
Format	Color
RYB	194, 106, 101
Decimal	12741221
CIELab	54.78, 34.40, 18.45
CIELCh	55, 39.037, 28.198
Yxy	22.7170, 0.4401, 0.3361
Android (android.graphics.Color)	4290931301 (0xFFC26A65)
YUV	131.7420, -15.1558, 54.6003
Hunter-Lab	47.6624, 28.0115, 14.5442

Details

The XYZ color **29.7511, 22.7170, 15.1287** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **33.3009, 43.0546, 57.5939**, and the grayscale version is **21.8791, 23.0185, 25.0671**.

A 20% lighter version of the original color is **58.5736, 47.9459, 35.8731**, and **12.3966, 8.4131, 4.4605** is the 20% darker color. If you saturate the color by 10%, you get **27.2169, 18.9945, 10.1351**, and if you desaturate by 10%, it is **32.9157, 27.3413, 21.4397**.

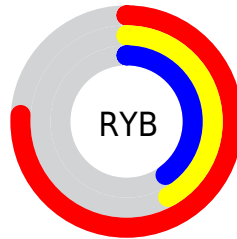
Distribution



Red (76%)

Green (42%)

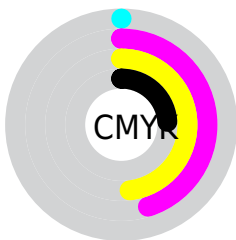
Blue (40%)



Red (76%)

Yellow (42%)

Blue (40%)

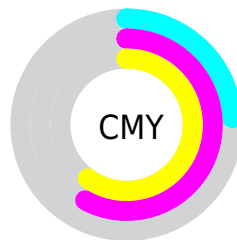


Cyan (0%)

Magenta (45%)

Yellow (48%)

Black (24%)



Cyan (24%)


Magenta (58%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.7511, 22.7170, 15.1287 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 29.7511, 22.7170, 15.1287 by changing the saturation by 10% instead.

 29.7511, 22.7170,
15.1287


 29.7511, 22.7170,
15.1287


292.6732,
266.2681, 235.8114


 19.7969, 14.3847,
8.7621


 58.6577, 47.9282,
35.8243

 12.3549, 8.3887,
4.4917


 78.3407, 65.5759,
50.9904

 7.0598, 4.3447,
1.8988


 101.9974, 87.0975,
69.9268

 3.5462, 1.8682,
0.4919

 129.9932,
112.8774, 93.0519

 1.4487, 0.5291,
0.0000

162.6932,
143.3001, 120.7844

 0.2906, 0.0000,
0.0000

200.4630,

 0.0000, 0.0000,

178.7498, 153.5428

0.0000

243.6679,
219.6110, 191.7457

■ 29.7511, 22.7170,
15.1287

■ 29.7511, 22.7170,
15.1287

■ 27.2169, 18.9945,
10.1351

■ 32.9157, 27.3413,
21.4397

■ 25.2693, 16.1118,
6.3645

■ 36.7471, 32.9171,
29.1509

■ 23.8616, 14.0045,
3.7119


■ 41.2812, 39.4949,
38.3399


■ 22.9391, 12.5974,
2.0544


■ 46.5507, 47.1205,
49.0781


■ 22.4300, 11.7982,
1.2100


■ 52.5862, 55.8366,
61.4325

 22.3614, 11.6960,
1.0790

 59.4167, 65.6841,
75.4659

 67.0695, 76.7012,
91.2380

 75.3769, 88.8471,
107.7842

 76.0580, 90.2093,
108.0112

Harmonies

Analogous

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



30.9806, 22.7170, 25.4889



29.7511, 22.7170, 15.1287



26.2607, 22.7170, 9.5489

Triad

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



29.7511, 22.7170, 15.1287



15.2861, 22.7170, 14.2162



21.3323, 22.7170, 56.8541

Complementary

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



29.7511, 22.7170, 15.1287



33.3009, 43.0546, 57.5939

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.



17.5119, 22.7170, 50.8897



29.7511, 22.7170, 15.1287



14.3220, 22.7170, 23.9960

Square

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



29.7511, 22.7170, 15.1287



17.9075, 22.7170, 9.1586



15.0800, 22.7170, 37.7319



25.7497, 22.7170, 52.1067

Rectangle

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



29.7511, 22.7170, 15.1287



23.3318, 22.7170, 8.0159



15.0800, 22.7170, 37.7319



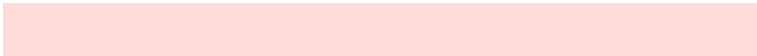
19.9406, 22.7170, 56.0048

Sweetspot

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



29.7517, 22.7182, 15.1291



78.1803, 76.4627, 76.3569



36.1251, 24.4661, 51.1618



16.6763, 16.1011, 15.8169



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.



29.7517, 22.7182, 15.1291



48.9181, 33.8349, 17.5961



35.8497, 34.9141, 17.1618



10.1157, 10.1629, 10.4904



14.7213, 7.7284, 0.7158



0.6514, 0.3645, 0.0360

Inverse Universe

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



33.3009, 43.0546, 57.5939



56.1119, 75.1677, 104.0212



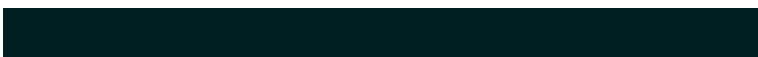
24.9045, 26.2618, 54.7951



10.3206, 11.3325, 12.9283



17.6311, 25.0187, 37.4565



0.7762, 1.1098, 1.6232

Previews

White Background



This preview shows how the XYZ color 29.7511, 22.7170, 15.1287 looks on a white background.

Color Contrast Check

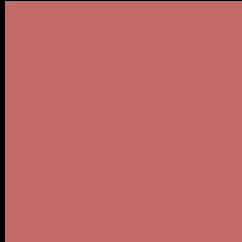
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7511, 22.7170, 15.1287 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 29.7511, 22.7170, 15.1287

Background



This preview shows how black text looks on a background with the XYZ color 29.7511, 22.7170, 15.1287.



This preview shows how white text looks on a background with the XYZ color 29.7511, 22.7170,

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

29.7511, 22.7170, 15.1287

Protanopia

21.5782, 22.8281, 18.8918

Deuteranopia

23.1361, 22.7533, 14.4817



Tritanopia

30.3806, 22.6726, 18.1042

Trichromacy



Original Color

29.7511, 22.7170, 15.1287

Protanomaly

23.8204, 22.2923, 17.5154

Deuteranomaly

25.1636, 22.5105, 14.5740

Tritanomaly

30.2640, 22.7880, 16.9908

Monochromacy



Original Color

29.7511, 22.7170, 15.1287

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

24.0517, 22.5150, 21.1673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7511, 22.7170, 15.1287 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(194, 106, 101)` looks like.

```
.text, #text, p{  
    color:rgb(194, 106, 101)  
}
```

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(194, 106, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 106, 101) }
```

Border

The CSS property to change the border of an element to XYZ 29.7511, 22.7170, 15.1287 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(194, 106, 101) }
```


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

```
.border{ border-color:rgb(194, 106, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 106, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 106, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 106, 101);  
box-shadow:4px 4px 4px 4px rgb(194, 106,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7511, 22.7170, 15.1287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 106, 101) }
```

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

```
.background{ background-color: rgb(194,  
106, 101) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor