

Converting Colors

XYZ(29.4725, 22.9438, 15.7124)

Have a look what the booklet for
XYZ(29.4725, 22.9438, 15.7124)
contains.

XYZ(29.5490, 22.9109, 15.6968)	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(29.5490, 22.9109,
15.6968)**

Conversions

Conversions Part 1

Format	Color
Hex	C06C67
RGB	192, 108, 103
RGB Percent	75%, 42%, 40%
CMY	0.2471, 0.5764, 0.5961
CMYK	0.00, 0.44, 0.46, 0.25
HSL	3°, 41%, 58%
HSV	3°, 46%, 75%
XYZ	29.5490, 22.9109, 15.6968
YIQ	132.5460, 51.6690, 16.2530

Conversions

Conversions Part 2

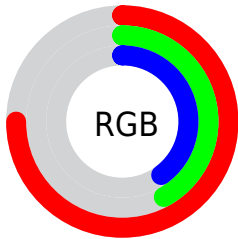
Format	Color
RYB	192, 108, 103
Decimal	12610663
CIELab	54.98, 32.77, 17.51
CIELCh	55, 37.153, 28.120
Yxy	22.9109, 0.4335, 0.3362
Android (android.graphics.Color)	4290800743 (0xFFC06C67)
YUV	132.5460, -14.5662, 52.1412
Hunter-Lab	47.8653, 26.4302, 14.0624

Details

The XYZ color **29.5490, 22.9109, 15.6968** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **32.8773, 42.2279, 56.2871**, and the grayscale version is **22.1681, 23.3226, 25.3983**.

A 20% lighter version of the original color is **58.3613, 48.3321, 36.8249**, and **12.2185, 8.4625, 4.7308** is the 20% darker color. If you saturate the color by 10%, you get **26.9771, 19.1364, 10.6185**, and if you desaturate by 10%, it is **32.7405, 27.5705, 22.0737**.

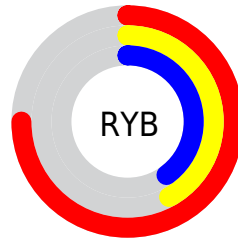
Distribution



Red (75%)

Green (42%)

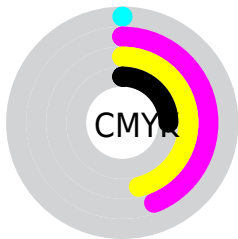
Blue (40%)



Red (75%)

Yellow (42%)

Blue (40%)

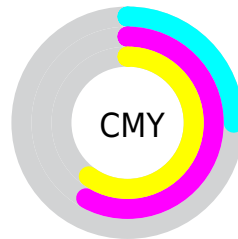


Cyan (0%)

Magenta (44%)

Yellow (46%)

Black (25%)



Cyan (25%)


Magenta (58%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.5490, 22.9109, 15.6968 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 29.5490, 22.9109, 15.6968 by changing the saturation by 10% instead.

 29.5490, 22.9109,
15.6968


 29.5490, 22.9109,
15.6968


291.7442,
267.2670, 239.3302


 19.6429, 14.5277,
9.1578


 58.3398, 48.2470,
36.8305

 12.2425, 8.4886,
4.7461


 77.9551, 65.9687,
52.2622

 6.9824, 4.4092,
2.0429


 101.5376, 87.5720,
71.4954

 3.4973, 1.9050,
0.5815

 129.4525,
113.4414, 94.9484

 1.4219, 0.5514,
0.0000

162.0653,
143.9612, 123.0398

 0.2717, 0.0000,
0.0000

199.7413,

 0.0000, 0.0000,

179.5158, 156.1883

0.0000

242.8458,
220.4896, 194.8122

■ 29.5490, 22.9109,
15.6968

■ 29.5490, 22.9109,
15.6968

■ 26.9771, 19.1364,
10.6185

■ 32.7405, 27.5705,
22.0737

■ 24.9830, 16.1879,
6.7485

■ 36.5864, 33.1627,
29.8287

■ 23.5223, 14.0044,
3.9866


■ 41.1211, 39.7356,
39.0364


■ 22.5435, 12.5151,
2.2166


■ 46.3758, 47.3331,
49.7656

■ 21.9833, 11.6353,
1.2882

■ 52.3802, 55.9963,
62.0809

 21.8555, 11.4412,
1.0564

 59.1620, 65.7642,
76.0431

 66.7476, 76.6738,
91.7097

 74.9034, 88.6568,
107.7724

 75.5482, 89.9464,
107.9873

Harmonies

Analogous

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



30.7063, 22.9109, 25.6988



29.5490, 22.9109, 15.6968



26.2404, 22.9109, 10.1994

Triad

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



29.5490, 22.9109, 15.6968



15.7104, 22.9109, 14.7678



21.5169, 22.9109, 55.2409

Complementary

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



29.5490, 22.9109, 15.6968



32.8773, 42.2279, 56.2871

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.



17.8493, 22.9109, 49.6399



29.5490, 22.9109, 15.6968



14.7706, 22.9109, 24.2082

Square

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



29.5490, 22.9109, 15.6968



18.2470, 22.9109, 9.7943



15.5020, 22.9109, 37.2598



25.7333, 22.9109, 50.8284

Rectangle

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



29.5490, 22.9109, 15.6968



23.4504, 22.9109, 8.6638



15.5020, 22.9109, 37.2598



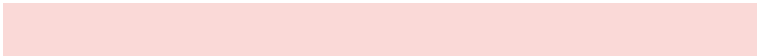
20.1835, 22.9109, 54.4388

Sweetspot

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



29.5496, 22.9121, 15.6972



76.4255, 74.7720, 74.6364



35.6172, 24.5186, 50.1783



15.9758, 15.4332, 15.1561



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.



29.5496, 22.9121, 15.6972



48.6585, 34.3462, 18.8042



35.4066, 34.6261, 17.6496



10.1176, 10.1667, 10.4910



14.7256, 7.7369, 0.7172



0.6522, 0.3663, 0.0363

Inverse Universe

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



32.8773, 42.2279, 56.2871



55.4257, 73.7303, 101.6704



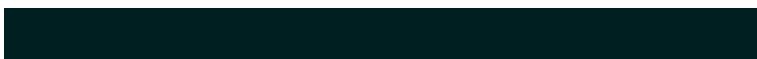
24.9381, 26.3494, 53.6407



10.3185, 11.3282, 12.9276



17.5682, 24.8929, 37.4355



0.7741, 1.1056, 1.6225

Previews

White Background



This preview shows how the XYZ color 29.5490, 22.9109, 15.6968 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 29.5490, 22.9109, 15.6968 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 29.5490, 22.9109, 15.6968

Background



This preview shows how black text looks on a background with the XYZ color 29.5490, 22.9109, 15.6968.



This preview shows how white text looks on a background with the XYZ color 29.5490, 22.9109,

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

29.5490, 22.9109, 15.6968

Protanopia

21.9360, 23.2064, 19.2427

Deuteranopia

23.5999, 23.1668, 15.2844



Tritanopia

30.1836, 22.8604, 18.7412

Trichromacy



Original Color

29.5490, 22.9109, 15.6968

Protanomaly

23.9980, 22.5608, 17.8417

Deuteranomaly

25.4276, 22.8075, 15.3740

Tritanomaly

30.0645, 22.9786, 17.6026

Monochromacy



Original Color

29.5490, 22.9109, 15.6968

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

24.0469, 22.6905, 21.5246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5490, 22.9109, 15.6968 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(192, 108, 103)` looks like.

```
.text, #text, p{  
    color:rgb(192, 108, 103)  
}
```

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(192, 108, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 108, 103) }
```

Border

The CSS property to change the border of an element to XYZ 29.5490, 22.9109, 15.6968 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(192, 108, 103) }
```


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

```
.border{ border-color:rgb(192, 108, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 108, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 108, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 108, 103);  
box-shadow:4px 4px 4px 4px rgb(192, 108,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5490, 22.9109, 15.6968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 108, 103) }
```

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

```
.background{ background-color: rgb(192,  
108, 103) }
```

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