

Converting Colors

XYZ(29.4539, 22.0624, 15.4631)

Have a look what the booklet for
XYZ(29.4539, 22.0624, 15.4631)
contains.

XYZ(29.5466, 22.1491, 15.5499)	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(29.5466, 22.1491,
15.5499)**

Conversions

Conversions Part 1

Format	Color
Hex	C26767
RGB	194, 103, 103
RGB Percent	76%, 40%, 40%
CMY	0.2392, 0.5961, 0.5961
CMYK	0.00, 0.47, 0.47, 0.24
HSL	0°, 43%, 58%
HSV	0°, 47%, 76%
XYZ	29.5466, 22.1491, 15.5499
YIQ	130.2090, 54.2360, 19.2920

Conversions

Conversions Part 2

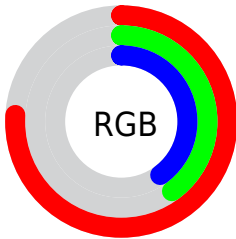
Format	Color
RYB	194, 103, 103
Decimal	12740455
CIELab	54.18, 36.19, 16.47
CIELCh	54, 39.759, 24.468
Yxy	22.1491, 0.4394, 0.3294
Android (android.graphics.Color)	4290930535 (0xFFC26767)
YUV	130.2090, -13.4140, 55.9447
Hunter-Lab	47.0628, 29.7045, 13.3541

Details

The XYZ color **29.5466, 22.1491, 15.5499** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **34.6219, 45.3601, 57.9695**, and the grayscale version is **21.3253, 22.4358, 24.4326**.

A 20% lighter version of the original color is **58.2292, 46.9927, 36.5733**, and **12.3034, 8.1501, 4.6660** is the 20% darker color. If you saturate the color by 10%, you get **26.9726, 18.3829, 10.4324**, and if you desaturate by 10%, it is **32.7952, 26.9031, 22.0072**.

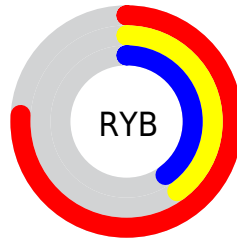
Distribution



Red (76%)

Green (40%)

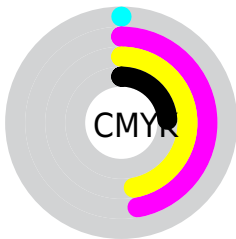
Blue (40%)



Red (76%)

Yellow (40%)

Blue (40%)

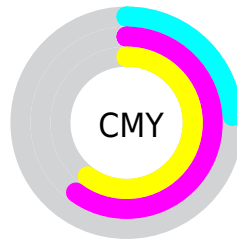


Cyan (0%)

Magenta (47%)

Yellow (47%)

Black (24%)



Cyan (24%)


Magenta (60%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.5466, 22.1491, 15.5499 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 29.5466, 22.1491, 15.5499 by changing the saturation by 10% instead.


 29.5466, 22.1491,
15.5499


 29.5466, 22.1491,
15.5499


291.7332,
263.3239, 238.4253


 19.6411, 13.9665,
9.0553


 58.3360, 46.9923,
36.5709

 12.2411, 8.0974,
4.6800


 77.9505, 64.4217,
51.9344

 6.9815, 4.1573,
2.0053


 101.5321, 85.7021,
71.0912

 3.4968, 1.7619,
0.5585

 129.4461,
111.2180, 94.4600

 1.4216, 0.4633,
0.0000

162.0579,
141.3537, 122.4593

 0.2715, 0.0000,
0.0000

199.7327,

 0.0000, 0.0000,

176.4937, 155.5075

0.0000

242.8360,
217.0223, 194.0234

■ 29.5466, 22.1491,
15.5499

■ 29.5466, 22.1491,
15.5499

■ 26.9726, 18.3829,
10.4324

■ 32.7952, 26.9031,
22.0072

■ 25.0244, 15.5320,
6.5596

■ 36.7595, 32.7040,
29.8879

■ 23.6491, 13.5195,
3.8256


■ 41.4792, 39.6102,
39.2705


■ 22.7844, 12.2542,
2.1070


■ 46.9907, 47.6751,
50.2272

■ 22.3462, 11.6130,
1.2361

■ 53.3280, 56.9483,
62.8255

 22.2482, 11.4696,
1.0412

 60.5230, 67.4767,
77.1292

 68.6062, 79.3046,
93.1986

 76.0581, 90.2093,
108.0112

Harmonies

Analogous

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



30.4415, 22.1491, 26.4814



29.5466, 22.1491, 15.5499



26.2536, 22.1491, 9.4831

Triad

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



29.5466, 22.1491, 15.5499



14.9940, 22.1491, 12.7718



20.2620, 22.1491, 56.3584

Complementary

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



29.5466, 22.1491, 15.5499



34.6219, 45.3601, 57.9695

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.



16.5874, 22.1491, 49.0950



29.5466, 22.1491, 15.5499



13.8241, 22.1491, 21.8969

Square

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



29.5466, 22.1491, 15.5499



17.7979, 22.1491, 8.3056



14.3649, 22.1491, 35.3631



24.6805, 22.1491, 52.8684

Rectangle

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



29.5466, 22.1491, 15.5499



23.3538, 22.1491, 7.6986



14.3649, 22.1491, 35.3631



18.9068, 22.1491, 55.0351

Sweetspot

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



29.5472, 22.1502, 15.5503



77.6873, 75.4767, 76.1925



36.8361, 25.0650, 53.9355



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.



29.5472, 22.1502, 15.5503



48.8754, 33.3165, 18.9162



35.3649, 33.7858, 17.4896



10.0733, 10.0780, 10.4762



14.6276, 7.5409, 0.6846



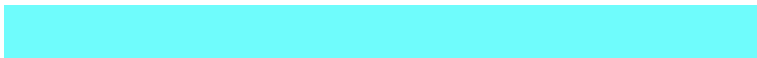
0.6320, 0.3259, 0.0296

Inverse Universe

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



34.6219, 45.3601, 57.9695



59.1570, 80.3405, 104.8592



25.9998, 28.1158, 55.0955



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 29.5466, 22.1491, 15.5499 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 29.5466, 22.1491, 15.5499 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 29.5466, 22.1491, 15.5499

Background



This preview shows how black text looks on a background with the XYZ color 29.5466, 22.1491, 15.5499.



This preview shows how white text looks on a background with the XYZ color 29.5466, 22.1491,

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

29.5466, 22.1491, 15.5499

Protanopia

21.2884, 22.4605, 19.7363

Deuteranopia

22.7226, 22.3404, 14.9189



Tritanopia

29.7598, 22.0762, 17.1606

Trichromacy



Original Color

29.5466, 22.1491, 15.5499

Protanomaly

23.4903, 21.7487, 17.9988

Deuteranomaly

24.8100, 21.9675, 14.9891

Tritanomaly

29.6533, 22.0336, 16.5999

Monochromacy



Original Color

29.5466, 22.1491, 15.5499

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

23.2435, 21.5613, 20.7060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5466, 22.1491, 15.5499 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, 103, 103)` looks like.

```
.text, #text, p{  
    color:rgb(194, 103, 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(194, 103, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 103, 103) }
```

Border

The CSS property to change the border of an element to XYZ 29.5466, 22.1491, 15.5499 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, 103, 103) }
```


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

```
.border{ border-color:rgb(194, 103, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 103, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 103, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 103, 103);  
box-shadow:4px 4px 4px 4px rgb(194, 103,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5466, 22.1491, 15.5499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 103, 103) }
```

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

```
.background{ background-color: rgb(194,  
103, 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](#).

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