

Converting Colors

XYZ(29.3666, 21.3977, 14.1877)

Have a look what the booklet for
XYZ(29.3666, 21.3977, 14.1877)
contains.

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Color

**XYZ(29.3372, 21.3530,
14.1306)**

Conversions

Conversions Part 1

Format	Color
Hex	C46262
RGB	196, 98, 98
RGB Percent	77%, 38%, 38%
CMY	0.2314, 0.6157, 0.6157
CMYK	0.00, 0.50, 0.50, 0.23
HSL	0°, 45%, 58%
HSV	0°, 50%, 77%
XYZ	29.3372, 21.3530, 14.1306
YIQ	127.3020, 58.4080, 20.7760

Conversions

Conversions Part 2

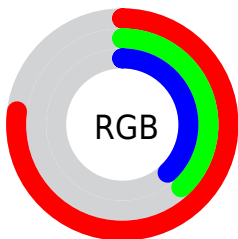
Format	Color
R _Y B	196, 98, 98
Decimal	12870242
CIE Lab	53.33, 39.05, 18.28
CIE LCh	53, 43.122, 25.086
Yxy	21.3530, 0.4526, 0.3294
Android (android.graphics.Color)	4291060322 (0xFFC46262)
YUV	127.3020, -14.4459, 60.2481
Hunter-Lab	46.2093, 32.4592, 14.2159

Details

The XYZ color **29.3372, 21.3530, 14.1306** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **34.7394, 46.0593, 59.2836**, and the grayscale version is **20.3114, 21.3692, 23.2710**.

A 20% lighter version of the original color is **57.7314, 45.5631, 34.1856**, and **12.1176, 7.6842, 4.0934** is the 20% darker color. If you saturate the color by 10%, you get **26.9078, 17.7984, 9.3006**, and if you desaturate by 10%, it is **32.4432, 25.8983, 20.3044**.

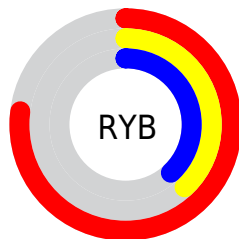
Distribution



Red (77%)

Green (38%)

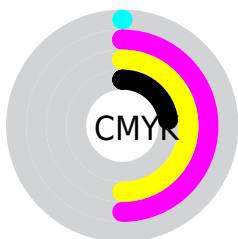
Blue (38%)



Red (77%)

Yellow (38%)

Blue (38%)

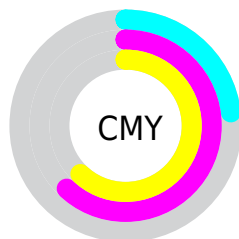


Cyan (0%)

Magenta (50%)

Yellow (50%)

Black (23%)



Cyan (23%)


Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.3372, 21.3530, 14.1306 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 29.3372, 21.3530, 14.1306 by changing the saturation by 10% instead.

 29.3372, 21.3530,
14.1306


 29.3372, 21.3530,
14.1306


290.7682,
259.1486, 229.4984


 19.4816, 13.3823,
8.0718


 58.0063, 45.6743,
34.0410

 12.1249, 7.6923,
4.0525


 77.5505, 62.7936,
48.7297

 6.9016, 3.8987,
1.6542


 101.0549, 83.7313,
67.1321

 3.4464, 1.6171,
0.3290

 128.8849,
108.8717, 89.6667

 1.3940, 0.3691,
0.0000

161.4059,
138.5993, 116.7521

 0.2519, 0.0000,
0.0000

198.9832,

 0.0000, 0.0000,

173.2983, 148.8068

0.0000

241.9822,
213.3533, 186.2494

■ 29.3372, 21.3530,
14.1306

■ 29.3372, 21.3530,
14.1306

■ 26.9078, 17.7984,
9.3006

■ 32.4432, 25.8983,
20.3044

■ 25.1032, 15.1577,
5.7133

■ 36.2693, 31.4970,
27.9104

■ 23.8668, 13.3484,
3.2555


■ 40.8573, 38.2105,
37.0311


■ 23.1309, 12.2715,
1.7929


■ 46.2452, 46.0946,
47.7422


■ 22.7649, 11.7360,
1.0655

■ 52.4687, 55.2014,
60.1145

 22.7649, 11.7359,
1.0654

 59.5612, 65.5797,
74.2143

 67.5543, 77.2757,
90.1044

 76.4780, 90.3335,
107.8447

 76.5748, 90.4757,
108.0354

Harmonies

Analogous

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



30.3672, 21.3530, 25.4725



29.3372, 21.3530, 14.1306



25.7504, 21.3530, 8.1190

Triad

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



29.3372, 21.3530, 14.1306



13.9100, 21.3530, 11.6176



19.5520, 21.3530, 58.4071

Complementary

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



29.3372, 21.3530, 14.1306



34.7394, 46.0593, 59.2836

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.



15.6709, 21.3530, 50.5866



29.3372, 21.3530, 14.1306



12.7403, 21.3530, 21.1603

Square

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



29.3372, 21.3530, 14.1306



16.7938, 21.3530, 7.0964



13.3332, 21.3530, 35.6320



24.2527, 21.3530, 54.2928

Rectangle

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



29.3372, 21.3530, 14.1306



22.6415, 21.3530, 6.4269



13.3332, 21.3530, 35.6320



18.1172, 21.3530, 57.0227

Sweetspot

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



29.3377, 21.3541, 14.1310



78.4809, 75.7548, 75.9610



37.0963, 24.4567, 54.9896



16.3598, 15.5732, 15.3873



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.



29.3377, 21.3541, 14.1310



48.3905, 31.7238, 16.1432



35.4032, 33.4850, 16.1528



10.0733, 10.0780, 10.4762



14.6276, 7.5410, 0.6846



0.6320, 0.3259, 0.0296

Inverse Universe

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



34.7394, 46.0593, 59.2836



59.2867, 81.5593, 107.2255



25.4346, 27.4497, 56.1820



10.3685, 11.4284, 12.9442



19.0844, 27.9253, 37.9409



0.8246, 1.2066, 1.6393

Previews

White Background



This preview shows how the XYZ color 29.3372, 21.3530, 14.1306 looks on a white background.

Color Contrast Check

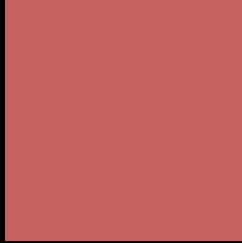
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3372, 21.3530, 14.1306 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 29.3372, 21.3530, 14.1306

Background



This preview shows how black text looks on a background with the XYZ color 29.3372, 21.3530, 14.1306.



This preview shows how white text looks on a background with the XYZ color 29.3372, 21.3530,

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

29.3372, 21.3530, 14.1306

Protanopia

20.4753, 21.6765, 18.4341

Deuteranopia

21.8658, 21.5534, 13.5974



Tritanopia

29.5383, 21.2846, 15.6482

Trichromacy



Original Color

29.3372, 21.3530, 14.1306

Protanomaly

22.9198, 20.9522, 16.7461

Deuteranomaly

24.0192, 21.0763, 13.6287

Tritanomaly

29.4379, 21.2445, 15.1194

Monochromacy



Original Color

29.3372, 21.3530, 14.1306

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

22.3467, 20.4271, 19.2880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3372, 21.3530, 14.1306 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(196, 98, 98)` looks like.

```
.text, #text, p{  
    color:rgb(196, 98, 98)  
}
```

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(196, 98, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 98, 98) }
```

Border

The CSS property to change the border of an element to XYZ 29.3372, 21.3530, 14.1306 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(196, 98, 98) }
```


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

```
.border{ border-color:rgb(196, 98, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 98, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 98, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 98, 98);  
box-shadow:4px 4px 4px 4px rgb(196, 98,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3372, 21.3530, 14.1306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 98, 98) }
```

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

```
.background{ background-color: rgb(196, 98,  
98) }
```

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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