

Converting Colors

XYZ(29.7343, 22.0595, 17.3127)

Have a look what the booklet for
XYZ(29.7343, 22.0595, 17.3127)
contains.

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Color

**XYZ(29.8140, 22.0979,
17.4458)**

Conversions

Conversions Part 1

Format	Color
Hex	C2666E
RGB	194, 102, 110
RGB Percent	76%, 40%, 43%
CMY	0.2392, 0.6000, 0.5686
CMYK	0.00, 0.47, 0.43, 0.24
HSL	355°, 43%, 58%
HSV	355°, 47%, 76%
XYZ	29.8140, 22.0979, 17.4458
YIQ	130.4200, 52.2640, 21.9920

Conversions

Conversions Part 2

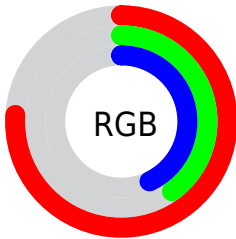
Format	Color
RYB	194, 102, 110
Decimal	12740206
CIELab	54.13, 37.44, 12.29
CIELCh	54, 39.405, 18.169
Yxy	22.0979, 0.4299, 0.3186
Android (android.graphics.Color)	4290930286 (0xFFC2666E)
YUV	130.4200, -10.0671, 55.7597
Hunter-Lab	47.0084, 30.9448, 10.9021

Details

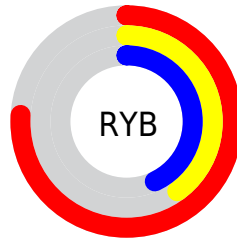
The XYZ color **29.8140, 22.0979, 17.4458** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **33.6354, 44.9540, 53.3614**, and the grayscale version is **21.3892, 22.5031, 24.5059**.

A 20% lighter version of the original color is **58.6624, 46.8985, 39.6787**, and **12.3976, 8.0449, 5.6020** is the 20% darker color. If you saturate the color by 10%, you get **27.2556, 18.3734, 12.3010**, and if you desaturate by 10%, it is **33.0124, 26.7939, 23.7556**.

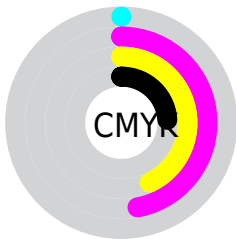
Distribution



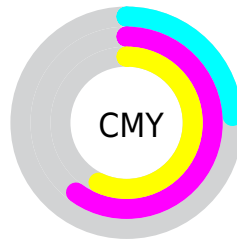
- Red (76%)
- Green (40%)
- Blue (43%)



- Red (76%)
- Yellow (40%)
- Blue (43%)



- Cyan (0%)
- Magenta (47%)
- Yellow (43%)
- Black (24%)





- Cyan (24%)
- Magenta (60%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8140, 22.0979, 17.4458 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 29.8140, 22.0979, 17.4458 by changing the saturation by 10% instead.


 29.8140, 22.0979,
17.4458


 29.8140, 22.0979,
17.4458


292.9619,
263.0571, 249.8588


 19.8448, 13.9289,
10.3875

 58.7566, 46.9078,
39.8918


 12.3899, 8.0712,
5.5477


 78.4606, 64.3173,
56.1166

 7.0839, 4.1405,
2.5078


 102.1404, 85.5759,
76.2340

 3.5614, 1.7525,
0.8443

 130.1612,
111.0678, 100.6625

 1.4571, 0.4573,
0.0000

162.8884,
141.1775, 129.8207

 0.2964, 0.0000,
0.0000

200.6874,

 0.0000, 0.0000,

176.2894, 164.1271

0.0000

243.9234,
216.7878, 204.0003

■ 29.8140, 22.0979,
17.4458

■ 29.8140, 22.0979,
17.4458

■ 27.2556, 18.3734,
12.3010

■ 33.0124, 26.7939,
23.7556

■ 25.2925, 15.5494,
8.2485

■ 36.8884, 32.5195,
31.2944

■ 23.8766, 13.5503,
5.2095


■ 41.4783, 39.3318,
40.1231


■ 22.9518, 12.2869,
3.0940


■ 46.8157, 47.2832,
50.2982


■ 22.4418, 11.6337,
1.7933


■ 52.9319, 56.4225,
61.8727

 22.3482, 11.5094,
1.5682

 59.8564, 66.7955,
74.8970

 67.6173, 78.4458,
89.4188

 75.5333, 89.9994,
105.2476

 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.



30.1119, 22.0979, 29.2130



29.8140, 22.0979, 17.4458



26.9714, 22.0979, 10.4448

Triad

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



29.8140, 22.0979, 17.4458



15.4584, 22.0979, 11.5352



19.3640, 22.0979, 55.2090

Complementary

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



29.8140, 22.0979, 17.4458



33.6354, 44.9540, 53.3614

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.



15.9879, 22.0979, 46.1892



29.8140, 22.0979, 17.4458



13.9463, 22.0979, 19.5532

Square

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



29.8140, 22.0979, 17.4458



18.5448, 22.0979, 7.9167



14.1259, 22.0979, 32.1667



23.6702, 22.0979, 54.0461

Rectangle

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



29.8140, 22.0979, 17.4458



24.2082, 22.0979, 8.1642



14.1259, 22.0979, 32.1667



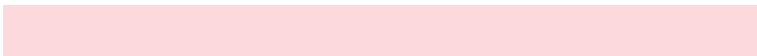
18.0947, 22.0979, 53.1693

Sweetspot

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



29.8146, 22.0990, 17.4462



78.0904, 75.6372, 78.3178



34.4490, 23.6884, 53.7955



16.6544, 15.8991, 16.2973



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.



29.8146, 22.0990, 17.4462



49.1840, 33.0037, 21.8862



33.8509, 30.8371, 16.7399



10.1079, 10.0918, 10.6590



14.7065, 7.5724, 1.1006



0.6478, 0.3321, 0.1127

Inverse Universe

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



29.8146, 22.0990, 17.4462



49.1840, 33.0037, 21.8862



27.3090, 30.9026, 55.5643



10.1079, 10.0918, 10.6590



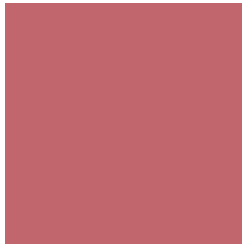
14.7065, 7.5724, 1.1006



0.6478, 0.3321, 0.1127

Previews

White Background



This preview shows how the XYZ color 29.8140, 22.0979, 17.4458 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 29.8140, 22.0979, 17.4458 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 29.8140, 22.0979, 17.4458

Background



This preview shows how black text looks on a background with the XYZ color 29.8140, 22.0979, 17.4458.



This preview shows how white text looks on a background with the XYZ color 29.8140, 22.0979,

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

29.8140, 22.0979, 17.4458

Protanopia

21.3199, 22.2241, 22.2348

Deuteranopia

22.6976, 22.2871, 16.7412



Tritanopia

29.7598, 22.0762, 17.1606

Trichromacy



Original Color

29.8140, 22.0979, 17.4458

Protanomaly

23.6369, 21.5935, 20.3749

Deuteranomaly

24.9515, 21.9996, 16.8412

Tritanomaly

29.7598, 22.0762, 17.1606

Monochromacy



Original Color

29.8140, 22.0979, 17.4458

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

23.4285, 21.6353, 21.6801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8140, 22.0979, 17.4458 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, 102, 110)` looks like.

```
.text, #text, p{  
    color:rgb(194, 102, 110)  
}
```

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, 102, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 102, 110) }
```

Border

The CSS property to change the border of an element to XYZ 29.8140, 22.0979, 17.4458 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, 102, 110) }
```


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

```
.border{ border-color:rgb(194, 102, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 102, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 102, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 102, 110);  
box-shadow:4px 4px 4px 4px rgb(194, 102,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8140, 22.0979, 17.4458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 102, 110) }
```

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

```
.background{ background-color: rgb(194,  
102, 110) }
```

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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