

Converting Colors

XYZ(29.5308, 20.0048, 18.2746)

Have a look what the booklet for
XYZ(29.5308, 20.0048, 18.2746)
contains.

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Color

**XYZ(29.5529, 20.0647,
18.2348)**

Conversions

Conversions Part 1

Format	Color
Hex	C55872
RGB	197, 88, 114
RGB Percent	77%, 35%, 45%
CMY	0.2275, 0.6549, 0.5529
CMYK	0.00, 0.55, 0.42, 0.23
HSL	346°, 48%, 56%
HSV	346°, 55%, 77%
XYZ	29.5529, 20.0647, 18.2348
YIQ	123.5550, 56.6180, 31.1940

Conversions

Conversions Part 2

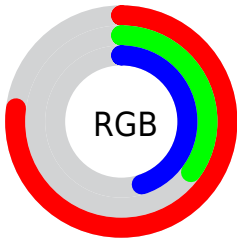
Format	Color
RYB	197, 88, 114
Decimal	12933234
CIELab	51.91, 46.02, 6.85
CIELCh	52, 46.522, 8.462
Yxy	20.0647, 0.4355, 0.2957
Android (android.graphics.Color)	4291123314 (0xFFC55872)
YUV	123.5550, -4.7106, 64.4113
Hunter-Lab	44.7936, 39.3777, 7.2195

Details

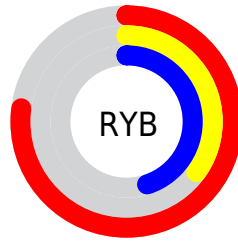
The XYZ color **29.5529, 20.0647, 18.2348** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **31.3426, 44.9479, 45.5550**, and the grayscale version is **19.0130, 20.0031, 21.7834**.

A 20% lighter version of the original color is **57.6478, 43.0629, 41.3500**, and **12.2029, 7.0264, 5.8673** is the 20% darker color. If you saturate the color by 10%, you get **27.3637, 16.9426, 13.6321**, and if you desaturate by 10%, it is **32.3201, 24.1187, 23.7216**.

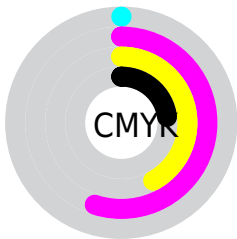
Distribution



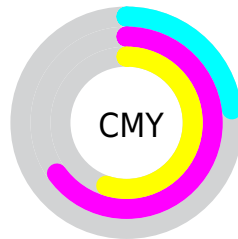
- Red (77%)
- Green (35%)
- Blue (45%)



- Red (77%)
- Yellow (35%)
- Blue (45%)



- Cyan (0%)
- Magenta (55%)
- Yellow (42%)
- Black (23%)



- Cyan (23%)
- Magenta (65%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5529, 20.0647, 18.2348 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 29.5529, 20.0647, 18.2348 by changing the saturation by 10% instead.

■ 29.5529, 20.0647,
18.2348

■ 29.5529, 20.0647,
18.2348

291.7622,
252.2652, 254.4716

■ 19.6459, 12.4421,
10.9475

■ 58.3459, 43.5256,
41.2563

■ 12.2446, 7.0455,
5.9178

■ 77.9625, 60.1327,
57.8277

■ 6.9839, 3.4906,
2.7272

■ 101.5465, 80.5035,
78.3308

■ 3.4983, 1.3929,
0.9571

■ 129.4630,
105.0222, 103.1842

■ 1.4224, 0.2115,
0.0000

162.0774,
134.0733, 132.8064

■ 0.2721, 0.0000,
0.0000

199.7552,

■ 0.0000, 0.0000,

168.0413, 167.6160

0.0000

242.8617,
207.3104, 208.0316

■ 29.5529, 20.0647,
18.2348

■ 29.5529, 20.0647,
18.2348

■ 27.3637, 16.9426,
13.6321

■ 32.3201, 24.1187,
23.7216

■ 25.7079, 14.6742,
9.8643

■ 35.7022, 29.1680,
30.1354

■ 24.5370, 13.1741,
6.8791

■ 39.7347, 35.2743,
37.5178

■ 23.7915, 12.3364,
4.6164

■ 44.4499, 42.4932,
45.9074

■ 23.5386, 12.0754,
3.7776

■ 49.8780, 50.8765,
55.3406

■ 56.0473, 60.4726,
65.8519

■ 62.9847, 71.3273,
77.4744

■ 70.7154, 83.4840,
90.2396

■ 75.8872, 90.2308,
103.0523

Harmonies

Analogous

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



28.8410, 20.0647, 32.8700



29.5529, 20.0647, 18.2348



27.1138, 20.0647, 9.3227

Triad

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



29.5529, 20.0647, 18.2348



13.9558, 20.0647, 7.1420



15.9236, 20.0647, 56.1258

Complementary

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



29.5529, 20.0647, 18.2348



31.3426, 44.9479, 45.5550

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.



12.8002, 20.0647, 42.3775



29.5529, 20.0647, 18.2348



11.8016, 20.0647, 13.6133

Square

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



29.5529, 20.0647, 18.2348



17.7639, 20.0647, 4.8859



11.4167, 20.0647, 25.9074



20.4404, 20.0647, 59.0546

Rectangle

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



29.5529, 20.0647, 18.2348



24.2335, 20.0647, 6.3198



11.4167, 20.0647, 25.9074



14.6991, 20.0647, 52.4067

Sweetspot

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



29.5534, 20.0658, 18.2352



77.8794, 73.4455, 79.1709



30.0922, 19.5301, 55.0068



16.2895, 15.1377, 16.2734



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.



29.5534, 20.0658, 18.2352



48.4442, 29.5560, 23.1749



30.9475, 24.8947, 12.4080



10.7358, 10.6777, 11.5922



15.5102, 7.9536, 2.6304



0.7638, 0.3884, 0.2792

Inverse Universe

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



29.5534, 20.0658, 18.2352



48.4442, 29.5560, 23.1749



28.4313, 34.7626, 58.0345



10.7358, 10.6777, 11.5922



15.5102, 7.9536, 2.6304



0.7638, 0.3884, 0.2792

Previews

White Background



This preview shows how the XYZ color 29.5529, 20.0647, 18.2348 looks on a white background.

Color Contrast Check

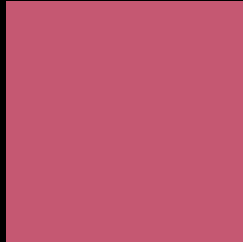
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5529, 20.0647, 18.2348 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 29.5529, 20.0647, 18.2348

Background



This preview shows how black text looks on a background with the XYZ color 29.5529, 20.0647, 18.2348.



This preview shows how white text looks on a background with the XYZ color 29.5529, 20.0647,

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

29.5529, 20.0647, 18.2348

Protanopia

19.8229, 20.4216, 25.4512

Deuteranopia

20.6321, 20.2879, 17.2965



Tritanopia

28.6637, 20.0810, 13.6745

Trichromacy



Original Color

29.5529, 20.0647, 18.2348

Protanomaly

22.2777, 19.4805, 22.6646

Deuteranomaly

23.1321, 19.5542, 17.5941

Tritanomaly

28.8693, 20.0274, 15.1761

Monochromacy



Original Color

29.5529, 20.0647, 18.2348

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

21.8371, 19.3043, 20.3445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5529, 20.0647, 18.2348 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(197, 88, 114)` looks like.

```
.text, #text, p{  
    color:rgb(197, 88, 114)  
}
```

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(197, 88, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 88, 114) }
```

Border

The CSS property to change the border of an element to XYZ 29.5529, 20.0647, 18.2348 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(197, 88, 114) }
```


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

```
.border{ border-color:rgb(197, 88, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 88, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 88, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 88, 114);  
box-shadow:4px 4px 4px 4px rgb(197, 88,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5529, 20.0647, 18.2348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 88, 114) }
```

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

```
.background{ background-color: rgb(197, 88,  
114) }
```

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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