

Converting Colors

XYZ(29.5893, 18.7087, 26.6835)

Have a look what the booklet for
XYZ(29.5893, 18.7087, 26.6835)
contains.

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Color

**XYZ(29.7061, 18.8116,
26.8763)**

Conversions

Conversions Part 1

Format	Color
Hex	C24E8C
RGB	194, 78, 140
RGB Percent	76%, 31%, 55%
CMY	0.2392, 0.6941, 0.4510
CMYK	0.00, 0.60, 0.28, 0.24
HSL	328°, 49%, 53%
HSV	328°, 60%, 76%
XYZ	29.7061, 18.8116, 26.8763
YIQ	119.7520, 49.2340, 43.8740

Conversions

Conversions Part 2

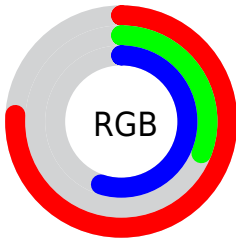
Format	Color
RYB	194, 78, 140
Decimal	12734092
CIELab	50.47, 52.83, -10.86
CIELCh	50, 53.931, 348.381
Yxy	18.8116, 0.3940, 0.2495
Android (android.graphics.Color)	4290924172 (0xFFC24E8C)
YUV	119.7520, 9.9823, 65.1155
Hunter-Lab	43.3723, 46.3546, -6.3793

Details

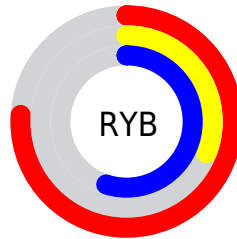
The XYZ color **29.7061, 18.8116, 26.8763** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **26.5995, 41.8696, 28.5117**, and the grayscale version is **17.7324, 18.6559, 20.3163**.

A 20% lighter version of the original color is **58.4969, 41.2802, 55.9237**, and **12.3473, 6.4271, 10.2626** is the 20% darker color. If you saturate the color by 10%, you get **27.8866, 16.1949, 23.1179**, and if you desaturate by 10%, it is **31.9879, 22.2651, 31.0588**.

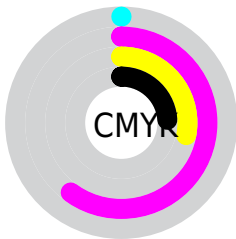
Distribution



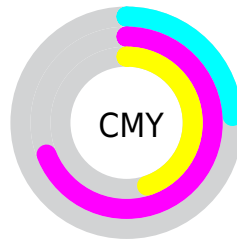
- Red (76%)
- Green (31%)
- Blue (55%)



- Red (76%)
- Yellow (31%)
- Blue (55%)



- Cyan (0%)
- Magenta (60%)
- Yellow (28%)
- Black (24%)





- Cyan (24%)
- Magenta (69%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.7061, 18.8116, 26.8763 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 29.7061, 18.8116, 26.8763 by changing the saturation by 10% instead.

 29.7061, 18.8116,
26.8763


 29.7061, 18.8116,
26.8763


292.4666,
245.4067, 300.7989


 19.7626, 11.5342,
17.2487


 58.5869, 41.4155,
55.6866

 12.3298, 6.4274,
10.2482


 78.2549, 57.5108,
75.7065


 7.0425, 3.1067,
5.4561


 101.8951, 77.3142,
100.0275

 3.5353, 1.1877,
2.4539

 129.8729,
101.2102, 129.0682

 1.4427, 0.0516,
0.8156

 162.5535,
129.5830, 163.2471

 0.2864, 0.0000,
0.0000

200.3025,

 0.0000, 0.0000,

162.8171, 202.9829

0.0000

243.4850,
201.2969, 248.6939

■ 29.7061, 18.8116,
26.8763

■ 29.7061, 18.8116,
26.8763

■ 27.8866, 16.1949,
23.1179

■ 31.9879, 22.2651,
31.0588

■ 26.4894, 14.3376,
19.7634

■ 34.7639, 26.6178,
35.6819

■ 25.4702, 13.1530,
16.7915

■ 38.0653, 31.9295,
40.7620

■ 24.7449, 12.4751,
14.1671

■ 41.9197, 38.2541,
46.3143

■ 24.7308, 12.4624,
14.1151

■ 46.3531, 45.6414,
52.3530

■ 51.3895, 54.1378,
58.8916

■ 57.0517, 63.7871,
65.9432

■ 63.3611, 74.6306,
73.5200

■ 70.3384, 86.7075,
81.6340

Harmonies

Analogous

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



26.5406, 18.8116, 46.3182



29.7061, 18.8116, 26.8763



29.2758, 18.8116, 12.6501

Triad

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



29.7061, 18.8116, 26.8763



14.8811, 18.8116, 3.4714



11.9770, 18.8116, 50.5990

Complementary

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



29.7061, 18.8116, 26.8763



26.5995, 41.8696, 28.5117

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.



9.9075, 18.8116, 31.0217



29.7061, 18.8116, 26.8763



11.3437, 18.8116, 6.6539

Square

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



29.7061, 18.8116, 26.8763



19.9916, 18.8116, 3.2079



9.7010, 18.8116, 15.1930



15.9223, 18.8116, 63.8717

Rectangle

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



29.7061, 18.8116, 26.8763



27.0207, 18.8116, 7.2631



9.7010, 18.8116, 15.1930



11.0751, 18.8116, 44.1949

Sweetspot

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



29.7067, 18.8126, 26.8766



77.0886, 71.1958, 85.4994



21.6997, 14.1068, 52.6180



16.3941, 14.7847, 18.0414



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.



29.7067, 18.8126, 26.8766



49.5936, 28.0671, 39.7672



26.5657, 17.5562, 10.3364



10.2932, 10.1659, 11.6343



16.3016, 8.2104, 9.5004



0.7389, 0.3686, 0.5924

Inverse Universe

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



29.7067, 18.8126, 26.8766



49.5936, 28.0671, 39.7672



31.5329, 43.8430, 54.4908



10.2932, 10.1659, 11.6343



16.3016, 8.2104, 9.5004



0.7389, 0.3686, 0.5924

Previews

White Background



This preview shows how the XYZ color 29.7061, 18.8116, 26.8763 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 29.7061, 18.8116, 26.8763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

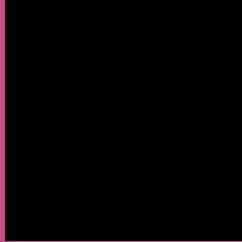
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.7061, 18.8116, 26.8763

Background



This preview shows how black text looks on a background with the XYZ color 29.7061, 18.8116, 26.8763.



This preview shows how white text looks on a background with the XYZ color 29.7061, 18.8116,

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

29.7061, 18.8116, 26.8763

Protanopia

19.7021, 19.1224, 40.1887

Deuteranopia

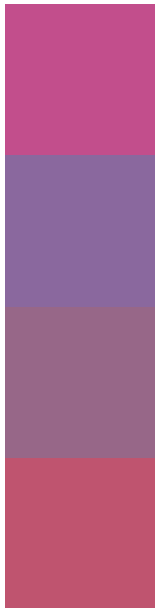
19.2686, 18.8794, 25.1828



Tritanopia

26.7453, 18.7347, 12.7962

Trichromacy



Original Color

29.7061, 18.8116, 26.8763

Protanomaly

21.6031, 17.7725, 34.6396

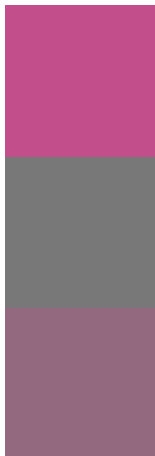
Deuteranomaly

22.0567, 18.0574, 25.6155

Tritanomaly

27.5254, 18.5647, 17.1715

Monochromacy



Original Color

29.7061, 18.8116, 26.8763

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

20.9150, 17.8385, 22.4195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7061, 18.8116, 26.8763 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, 78, 140)` looks like.

```
.text, #text, p{  
    color:rgb(194, 78, 140)  
}
```

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, 78, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 78, 140) }
```

Border

The CSS property to change the border of an element to XYZ 29.7061, 18.8116, 26.8763 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, 78, 140) }
```


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

```
.border{ border-color:rgb(194, 78, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 78, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 78, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 78, 140);  
box-shadow:4px 4px 4px 4px rgb(194, 78,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7061, 18.8116, 26.8763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 78, 140) }
```

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

```
.background{ background-color: rgb(194, 78,  
140) }
```

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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