

Converting Colors

XYZ(30.9860, 17.0137, 21.9008)

Have a look what the booklet for
XYZ(30.9860, 17.0137, 21.9008)
contains.

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Color

**XYZ(30.9252, 17.0014,
22.0737)**

Conversions

Conversions Part 1

Format	Color
Hex	D02F80
RGB	208, 47, 128
RGB Percent	82%, 18%, 50%
CMY	0.1843, 0.8156, 0.4980
CMYK	0.00, 0.77, 0.38, 0.18
HSL	330°, 63%, 50%
HSV	330°, 77%, 82%
XYZ	30.9252, 17.0014, 22.0737
YIQ	104.3730, 69.9550, 59.3230

Conversions

Conversions Part 2

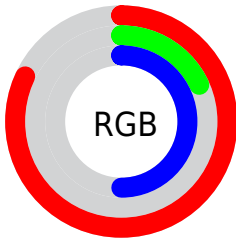
Format	Color
R_{YB}	208, 47, 128
Decimal	13643648
CIE _{Lab}	48.26, 66.91, -6.69
CIE _{LCh}	48, 67.240, 354.287
Yxy	17.0014, 0.4418, 0.2429
Android (android.graphics.Color)	4291833728 (0xFFD02F80)
YUV	104.3730, 11.6481, 90.8809
Hunter-Lab	41.2328, 61.7204, -2.8776

Details

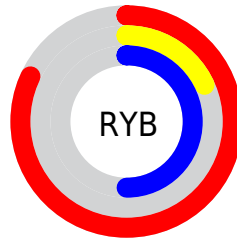
The XYZ color **30.9252, 17.0014, 22.0737** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **27.5602, 47.2489, 27.7498**, and the grayscale version is **13.2160, 13.9042, 15.1417**.

A 20% lighter version of the original color is **55.0491, 35.5335, 47.6733**, and **13.6240, 6.8604, 8.0033** is the 20% darker color. If you saturate the color by 10%, you get **29.6366, 15.4581, 18.4568**, and if you desaturate by 10%, it is **32.6800, 19.3661, 26.1882**.

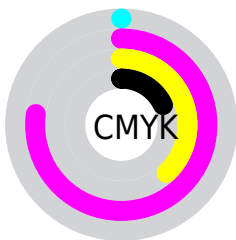
Distribution



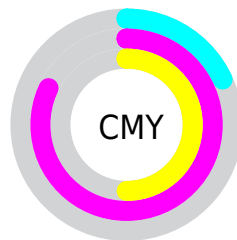
- Red (82%)
- Green (18%)
- Blue (50%)



- Red (82%)
- Yellow (18%)
- Blue (50%)



- Cyan (0%)
- Magenta (77%)
- Yellow (38%)
- Black (18%)





- Cyan (18%)
- Magenta (82%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9252, 17.0014, 22.0737 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 30.9252, 17.0014, 22.0737 by changing the saturation by 10% instead.


 30.9252, 17.0014,
22.0737


 30.9252, 17.0014,
22.0737


298.0266,
235.1804, 275.8970


 20.6934, 10.2355,
13.7122


 60.4989, 38.3282,
47.7715


 13.0113, 5.5554,
7.7843


 80.5716, 53.6578,
65.9450


 7.5134, 2.5767,
3.8715


 104.6553, 72.6109,
88.2261

 3.8343, 0.9149,
1.5551

 133.1154, 95.5717,
115.0336

 1.6088, 0.0000,
0.2585

 166.3172,
122.9246, 146.7859

 0.3982, 0.0000,
0.0000

204.6261,

 0.0000, 0.0000,

155.0542, 183.9015

0.0000

248.4075,
192.3446, 226.7990

■ 30.9252, 17.0014,
22.0737

■ 30.9252, 17.0014,
22.0737

■ 29.6366, 15.4581,
18.4568

■ 32.6800, 19.3661,
26.1882

■ 28.7423, 14.5958,
15.3030

■ 34.9512, 22.6496,
30.8265

■ 28.5437, 14.4224,
14.5469

■ 37.7838, 26.9386,
36.0130

■ 41.2170, 32.3089,
41.7698

■ 45.2866, 38.8290,
48.1176

■ 50.0251, 46.5616,
55.0755

■ 55.4632, 55.5648,
62.6619

■ 61.6291, 65.8931,
70.8942

■ 68.5499, 77.5977,
79.7890

Harmonies

Analogous

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



27.7215, 17.0014, 45.9777



30.9252, 17.0014, 22.0737



29.4345, 17.0014, 7.8218

Triad

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



30.9252, 17.0014, 22.0737



11.7863, 17.0014, 1.6514



10.2173, 17.0014, 61.5759

Complementary

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



30.9252, 17.0014, 22.0737



27.5602, 47.2489, 27.7498

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.



7.6311, 17.0014, 36.1218



30.9252, 17.0014, 22.0737



8.3638, 17.0014, 4.9845

Square

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



30.9252, 17.0014, 22.0737



17.3594, 17.0014, 1.1507



7.0503, 17.0014, 15.3550



15.0158, 17.0014, 76.3748

Rectangle

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



30.9252, 17.0014, 22.0737



26.1324, 17.0014, 3.5422



7.0503, 17.0014, 15.3550



9.1141, 17.0014, 53.4256

Sweetspot

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



30.9257, 17.0023, 22.0740



74.7666, 66.3810, 80.7196



20.8337, 10.9346, 60.6870



15.4383, 13.2908, 16.4350



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.



30.9257, 17.0023, 22.0740



45.9803, 23.4983, 25.8370



27.5985, 15.6715, 4.5534



12.0533, 11.9060, 13.5563



17.8389, 9.0084, 9.3237



1.0375, 0.5197, 0.7322

Inverse Universe

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



30.9257, 17.0023, 22.0740



45.9803, 23.4983, 25.8370



34.7864, 50.1394, 65.8028



12.0533, 11.9060, 13.5563



17.8389, 9.0084, 9.3237



1.0375, 0.5197, 0.7322

Previews

White Background



This preview shows how the XYZ color 30.9252, 17.0014, 22.0737 looks on a white background.

Color Contrast Check

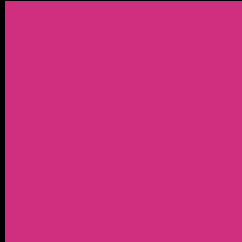
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 30.9252, 17.0014, 22.0737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

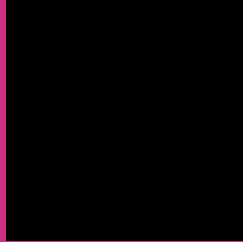
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 30.9252, 17.0014, 22.0737

Background



This preview shows how black text looks on a background with the XYZ color 30.9252, 17.0014, 22.0737.



This preview shows how white text looks on a background with the XYZ color 30.9252, 17.0014,

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

30.9252, 17.0014, 22.0737

Protanopia

18.1919, 17.4617, 40.9397

Deuteranopia

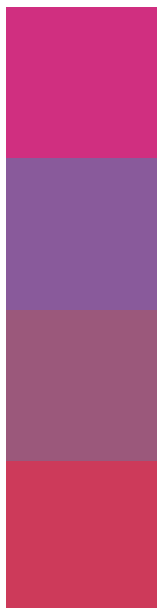
17.4965, 17.2295, 20.1728



Tritanopia

27.8355, 17.0353, 7.2899

Trichromacy



Original Color

30.9252, 17.0014, 22.0737

Protanomaly

19.8891, 14.9973, 32.8568

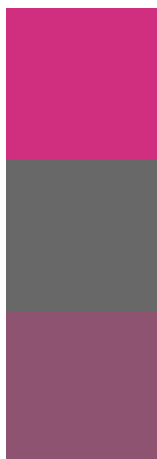
Deuteranomaly

20.5824, 15.3781, 20.6223

Tritanomaly

28.5354, 16.7434, 11.4007

Monochromacy



Original Color

30.9252, 17.0014, 22.0737

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

17.2292, 13.1296, 17.2490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9252, 17.0014, 22.0737 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(208, 47, 128)` looks like.

```
.text, #text, p{  
    color:rgb(208, 47, 128)  
}
```

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(208, 47, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 47, 128) }
```

Border

The CSS property to change the border of an element to XYZ 30.9252, 17.0014, 22.0737 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(208, 47, 128) }
```


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

```
.border{ border-color:rgb(208, 47, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 47, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 47, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 47, 128);  
box-shadow:4px 4px 4px 4px rgb(208, 47,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9252, 17.0014, 22.0737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 47, 128) }
```

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

```
.background{ background-color: rgb(208, 47,  
128) }
```

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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