

Converting Colors

XYZ(32.9530, 21.0071, 28.3046)

Have a look what the booklet for
XYZ(32.9530, 21.0071, 28.3046)
contains.

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Color

**XYZ(32.9530, 21.0071,
28.3046)**

Conversions

Conversions Part 1

Format	Color
Hex	CC538F
RGB	204, 83, 143
RGB Percent	80%, 33%, 56%
CMY	0.2000, 0.6745, 0.4392
CMYK	0.00, 0.59, 0.30, 0.20
HSL	330°, 54%, 56%
HSV	330°, 59%, 80%
XYZ	32.9530, 21.0071, 28.3046
YIQ	126.0190, 52.8560, 44.3120

Conversions

Conversions Part 2

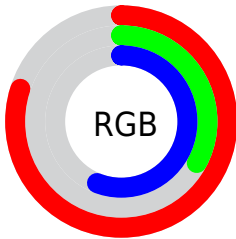
Format	Color
R_{YB}	204, 83, 143
Decimal	13390735
CIE _{Lab}	52.96, 54.03, -8.75
CIE _{LCh}	53, 54.729, 350.799
Yxy	21.0071, 0.4006, 0.2554
Android (android.graphics.Color)	4291580815 (0xFFCC538F)
YUV	126.0190, 8.3716, 68.3893
Hunter-Lab	45.8335, 48.1279, -4.5312

Details

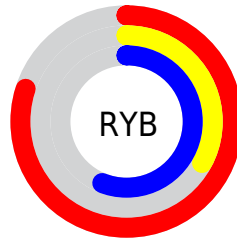
The XYZ color **32.9530, 21.0071, 28.3046** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **30.1953, 47.0389, 33.8761**, and the grayscale version is **19.7984, 20.8295, 22.6833**.

A 20% lighter version of the original color is **60.4065, 43.4682, 58.0297**, and **14.1362, 7.5141, 11.0612** is the 20% darker color. If you saturate the color by 10%, you get **30.8717, 18.0346, 23.9414**, and if you desaturate by 10%, it is **35.5661, 24.9284, 33.1979**.

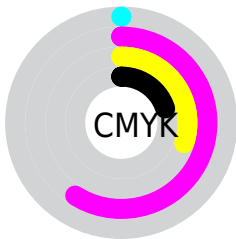
Distribution



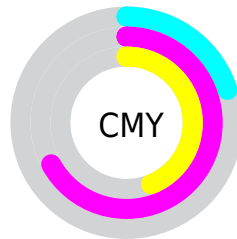
- Red (80%)
- Green (33%)
- Blue (56%)



- Red (80%)
- Yellow (33%)
- Blue (56%)



- Cyan (0%)
- Magenta (59%)
- Yellow (30%)
- Black (20%)





- Cyan (20%)
- Magenta (67%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9530, 21.0071, 28.3046 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 32.9530, 21.0071, 28.3046 by changing the saturation by 10% instead.


 32.9530, 21.0071,
28.3046


 32.9530, 21.0071,
28.3046


307.1066,
257.3162, 307.8772


 22.2495, 13.1292,
18.3144


 63.6573, 45.0994,
57.9993

 14.1580, 7.5176,
11.0041


 84.3888, 62.0825,
78.5409


 8.3131, 3.7878,
5.9554

 109.1938, 82.8695,
103.4366

 4.3494, 1.5556,
2.7496

 138.4374,
107.8447, 133.1051

 1.9016, 0.3274,
0.9683

 172.4852,
137.3926, 167.9649

 0.5778, 0.0000,
0.0000

211.7024,

 0.0000, 0.0000,

171.8976, 208.4344

0.0000

256.4544,
211.7440, 254.9324

■ 32.9530, 21.0071,
28.3046

■ 32.9530, 21.0071,
28.3046

■ 30.8717, 18.0346,
23.9414

■ 35.5661, 24.9284,
33.1979

■ 29.2768, 15.9239,
20.0832

■ 38.7474, 29.8692,
38.6419

■ 28.1178, 14.5770,
16.7036

■ 42.5324, 35.8971,
44.6575

■ 27.3085, 13.8245,
13.7634

■ 46.9526, 43.0727,
51.2635

■ 27.2582, 13.7799,
13.5741

■ 52.0377, 51.4525,
58.4780

■ 57.8151, 61.0888,
66.3180

■ 64.3108, 72.0313,
74.8000

■ 71.5494, 84.3265,
83.9395

■ 75.7388, 90.3882,
92.4798

Harmonies

Analogous

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



29.7913, 21.0071, 49.2095



32.9530, 21.0071, 28.3046



32.1539, 21.0071, 13.3901

Triad

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



32.9530, 21.0071, 28.3046



16.3006, 21.0071, 4.2286



13.7754, 21.0071, 57.1219

Complementary

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



32.9530, 21.0071, 28.3046



30.1953, 47.0389, 33.8761

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.



11.3289, 21.0071, 36.0232



32.9530, 21.0071, 28.3046



12.5811, 21.0071, 8.1539

Square

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



32.9530, 21.0071, 28.3046



21.7826, 21.0071, 3.7148



10.9381, 21.0071, 18.1852



18.2545, 21.0071, 70.3693

Rectangle

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



32.9530, 21.0071, 28.3046



29.5338, 21.0071, 7.8192



10.9381, 21.0071, 18.1852



12.7270, 21.0071, 50.3433

Sweetspot

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



32.9536, 21.0082, 28.3050



78.6105, 72.7282, 86.1338



25.4080, 16.4319, 58.9592



16.3325, 14.7600, 17.7169



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.



32.9536, 21.0082, 28.3050



50.3612, 28.8212, 37.8994



29.5573, 19.6496, 10.4200



11.4404, 11.3049, 12.8536



17.2036, 8.6920, 8.7908



0.9258, 0.4637, 0.6553

Inverse Universe

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



32.9536, 21.0082, 28.3050



50.3612, 28.8212, 37.8994



36.0599, 49.3847, 64.7584



11.4404, 11.3049, 12.8536



17.2036, 8.6920, 8.7908



0.9258, 0.4637, 0.6553

Previews

White Background



This preview shows how the XYZ color 32.9530, 21.0071, 28.3046 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 32.9530, 21.0071, 28.3046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

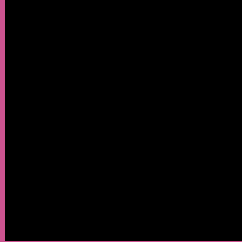
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.9530, 21.0071, 28.3046

Background



This preview shows how black text looks on a background with the XYZ color 32.9530, 21.0071, 28.3046.



This preview shows how white text looks on a background with the XYZ color 32.9530, 21.0071,

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

32.9530, 21.0071, 28.3046

Protanopia

21.7194, 21.2232, 41.9815

Deuteranopia

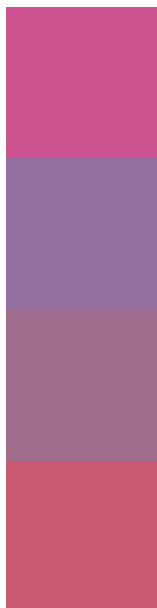
21.5900, 21.1230, 26.6061



Tritanopia

29.9859, 21.0089, 14.2791

Trichromacy



Original Color

32.9530, 21.0071, 28.3046

Protanomaly

24.0416, 19.9281, 36.2976

Deuteranomaly

24.5200, 20.0628, 27.0063

Tritanomaly

30.7543, 20.8001, 18.6135

Monochromacy



Original Color

32.9530, 21.0071, 28.3046

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

23.0672, 19.6878, 24.4142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9530, 21.0071, 28.3046 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(204, 83, 143)` looks like.

```
.text, #text, p{  
    color:rgb(204, 83, 143)  
}
```

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(204, 83, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 83, 143) }
```

Border

The CSS property to change the border of an element to XYZ 32.9530, 21.0071, 28.3046 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(204, 83, 143) }
```


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

```
.border{ border-color:rgb(204, 83, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 83, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 83, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 83, 143);  
box-shadow:4px 4px 4px 4px rgb(204, 83,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9530, 21.0071, 28.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 83, 143) }
```

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

```
.background{ background-color: rgb(204, 83,  
143) }
```

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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