

Converting Colors

XYZ(29.4888, 21.7902, 31.7469)

Have a look what the booklet for
XYZ(29.4888, 21.7902, 31.7469)
contains.

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Color

**XYZ(29.4922, 21.7586,
31.9236)**

Conversions

Conversions Part 1

Format	Color
Hex	B56797
RGB	181, 103, 151
RGB Percent	71%, 40%, 59%
CMY	0.2902, 0.5961, 0.4078
CMYK	0.00, 0.43, 0.17, 0.29
HSL	323°, 35%, 56%
HSV	323°, 43%, 71%
XYZ	29.4922, 21.7586, 31.9236
YIQ	131.7940, 31.0800, 31.4640

Conversions

Conversions Part 2

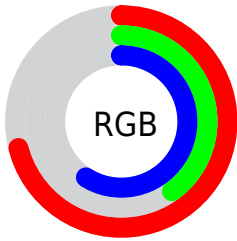
Format	Color
R_{YB}	181, 103, 151
Decimal	11888535
CIE _{Lab}	53.77, 37.77, -12.57
CIE _{LCh}	54, 39.806, 341.587
Yxy	21.7586, 0.3546, 0.2616
Android (android.graphics.Color)	4290078615 (0xFFB56797)
YUV	131.7940, 9.4686, 43.1537
Hunter-Lab	46.6461, 31.2267, -7.9245

Details

The XYZ color **29.4922, 21.7586, 31.9236** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **26.3520, 37.6254, 28.0654**, and the grayscale version is **21.8177, 22.9540, 24.9969**.

A 20% lighter version of the original color is **58.1678, 46.3619, 63.6406**, and **12.1775, 7.9019, 12.9400** is the 20% darker color. If you saturate the color by 10%, you get **27.3342, 18.3206, 28.4967**, and if you desaturate by 10%, it is **32.0746, 25.9914, 35.6572**.

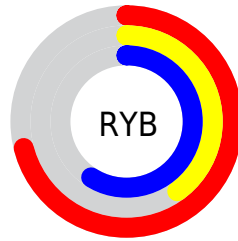
Distribution



Red (71%)

Green (40%)

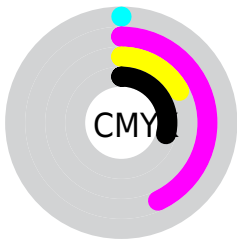
Blue (59%)



Red (71%)

Yellow (40%)

Blue (59%)

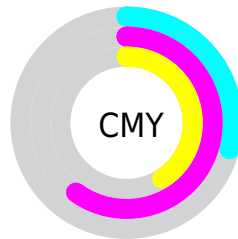


Cyan (0%)

Magenta (43%)

Yellow (17%)

Black (29%)



Cyan (29%)


Magenta (60%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.4922, 21.7586, 31.9236 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 29.4922, 21.7586, 31.9236 by changing the saturation by 10% instead.


 29.4922, 21.7586,
31.9236


 29.4922, 21.7586,
31.9236


291.4827,
261.2830, 325.2531


 19.5996, 13.6796,
21.0388


 58.2503, 46.3467,
63.7878


 12.2109, 7.8982,
12.9609

 77.8466, 63.6246,
85.6043

 6.9607, 4.0299,
7.2712


 101.4082, 84.7376,
111.9018

 3.4837, 1.6903,
3.5513

 129.3004,
110.0701, 143.0989

 1.4144, 0.4174,
1.3825

161.8886,
140.0065, 179.6140

 0.2664, 0.0000,
0.1280

199.5382,

 0.0000, 0.0000,

174.9312, 221.8657

0.0000

242.6144,
215.2286, 270.2725

■ 29.4922, 21.7586,
31.9236

■ 29.4922, 21.7586,
31.9236

■ 27.3342, 18.3206,
28.4967

■ 32.0746, 25.9914,
35.6572

■ 25.5726, 15.6233,
25.3636

■ 35.1031, 31.0623,
39.7068

■ 24.1792, 13.6106,
22.5123


■ 38.6003, 37.0152,
44.0827


■ 23.1206, 12.2172,
19.9288


■ 42.5864, 43.8901,
48.7945


■ 22.3574, 11.3646,
17.5966


■ 47.0807, 51.7245,
53.8510

 21.9465, 10.9799,
16.1120

 52.1012, 60.5536,
59.2608

 57.6652, 70.4111,
65.0321

 63.7890, 81.3289,
71.1727

 66.9101, 86.1814,
76.4975

Harmonies

Analogous

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



26.6248, 21.7586, 45.9954



29.4922, 21.7586, 31.9236



29.8140, 21.7586, 19.2743

Triad

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



29.4922, 21.7586, 31.9236



19.0748, 21.7586, 7.3133



15.1267, 21.7586, 42.9825

Complementary

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



29.4922, 21.7586, 31.9236



26.3520, 37.6254, 28.0654

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.



13.6341, 21.7586, 28.7365



29.4922, 21.7586, 31.9236



15.6948, 21.7586, 10.0950

Square

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



29.4922, 21.7586, 31.9236



23.3847, 21.7586, 7.6493



13.8267, 21.7586, 17.0121



18.1939, 21.7586, 53.7460

Rectangle

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



29.4922, 21.7586, 31.9236



28.4948, 21.7586, 13.3841



13.8267, 21.7586, 17.0121



14.4445, 21.7586, 38.2694

Sweetspot

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



29.4929, 21.7596, 31.9240



69.0478, 66.1491, 78.8486



22.8488, 18.0163, 45.9896



14.6130, 13.7655, 16.6619



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.4929, 21.7596, 31.9240



49.0329, 32.9341, 51.1676



26.8373, 20.6974, 17.9402



8.7087, 8.5902, 9.9646



15.1640, 7.5832, 11.2897



0.5046, 0.2496, 0.4998

Inverse Universe

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



29.4929, 21.7596, 31.9240



49.0329, 32.9341, 51.1676



29.5549, 38.9066, 44.9319



8.7087, 8.5902, 9.9646



15.1640, 7.5832, 11.2897



0.5046, 0.2496, 0.4998

Previews

White Background



This preview shows how the XYZ color 29.4922, 21.7586, 31.9236 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 29.4922, 21.7586, 31.9236 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 29.4922, 21.7586, 31.9236

Background



This preview shows how black text looks on a background with the XYZ color 29.4922, 21.7586, 31.9236.



This preview shows how white text looks on a background with the XYZ color 29.4922, 21.7586,

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

29.4922, 21.7586, 31.9236

Protanopia

22.1285, 21.8574, 40.0984

Deuteranopia

22.4002, 22.0148, 30.6724



Tritanopia

26.9774, 21.8070, 19.9268

Trichromacy



Original Color

29.4922, 21.7586, 31.9236

Protanomaly

23.9845, 21.2282, 37.0158

Deuteranomaly

24.4014, 21.5790, 30.8960

Tritanomaly

27.6471, 21.5921, 23.8296

Monochromacy



Original Color

29.4922, 21.7586, 31.9236

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

24.0752, 22.0229, 27.4080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4922, 21.7586, 31.9236 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(181, 103, 151)` looks like.

```
.text, #text, p{  
    color:rgb(181, 103, 151)  
}
```

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(181, 103, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 103, 151) }
```

Border

The CSS property to change the border of an element to XYZ 29.4922, 21.7586, 31.9236 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(181, 103, 151) }
```


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

```
.border{ border-color:rgb(181, 103, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 103, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 103, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 103, 151);  
box-shadow:4px 4px 4px 4px rgb(181, 103,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4922, 21.7586, 31.9236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 103, 151) }
```

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

```
.background{ background-color: rgb(181,  
103, 151) }
```

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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