

Converting Colors

XYZ(29.9981, 21.7462, 30.3514)

Have a look what the booklet for
XYZ(29.9981, 21.7462, 30.3514)
contains.

XYZ(29.9277, 21.7282, 30.2204)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.9277, 21.7282,
30.2204)**

Conversions

Conversions Part 1

Format	Color
Hex	B96593
RGB	185, 101, 147
RGB Percent	73%, 40%, 58%
CMY	0.2745, 0.6039, 0.4235
CMYK	0.00, 0.45, 0.21, 0.27
HSL	327°, 37%, 56%
HSV	327°, 45%, 73%
XYZ	29.9277, 21.7282, 30.2204
YIQ	131.3600, 35.2980, 32.1140

Conversions

Conversions Part 2

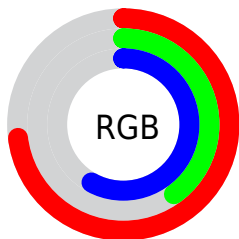
Format	Color
R_{YB}	185, 101, 147
Decimal	12150163
CIE Lab	53.74, 39.57, -10.22
CIE LCh	54, 40.866, 345.513
Yxy	21.7282, 0.3655, 0.2654
Android (android.graphics.Color)	4290340243 (0xFFB96593)
YUV	131.3600, 7.7105, 47.0423
Hunter-Lab	46.6135, 33.0303, -5.8093

Details

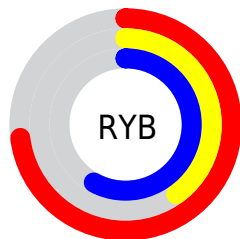
The XYZ color **29.9277, 21.7282, 30.2204** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **27.3769, 39.3293, 30.5762**, and the grayscale version is **21.6671, 22.7955, 24.8243**.

A 20% lighter version of the original color is **59.0604, 46.3829, 61.0983**, and **12.4578, 7.8716, 11.9291** is the 20% darker color. If you saturate the color by 10%, you get **27.6965, 18.2787, 26.3535**, and if you desaturate by 10%, it is **32.6123, 26.0075, 34.4747**.

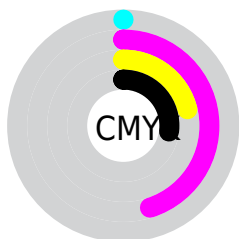
Distribution



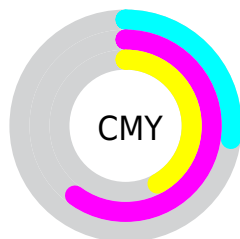
- Red (73%)
- Green (40%)
- Blue (58%)



- Red (73%)
- Yellow (40%)
- Blue (58%)



- Cyan (0%)
- Magenta (45%)
- Yellow (21%)
- Black (27%)





- Cyan (27%)
- Magenta (60%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.9277, 21.7282, 30.2204 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 29.9277, 21.7282, 30.2204 by changing the saturation by 10% instead.

 29.9277, 21.7282,
30.2204


 29.9277, 21.7282,
30.2204


293.4832,
261.1236, 317.1697

 19.9315, 13.6573,
19.7525


 58.9352, 46.2964,
61.0757


 12.4532, 7.8827,
12.0330


 78.6773, 63.5624,
82.3001

 7.1275, 4.0200,
6.6433


 102.3987, 84.6624,
107.9471

 3.5890, 1.6848,
3.1650

 130.4648,
109.9805, 138.4352

 1.4724, 0.4138,
1.1795

163.2409,
139.9013, 174.1830

 0.3069, 0.0000,
0.0000

201.0925,

 0.0000, 0.0000,

174.8092, 215.6090

0.0000

244.3848,
215.0885, 263.1317

■ 29.9277, 21.7282,
30.2204

■ 29.9277, 21.7282,
30.2204

■ 27.6965, 18.2787,
26.3535

■ 32.6123, 26.0075,
34.4747

■ 25.8882, 15.6004,
22.8581

■ 35.7742, 31.1636,
39.1285

■ 24.4716, 13.6323,
19.7189

■ 39.4379, 37.2438,
44.1948

■ 23.4099, 12.3025,
16.9184

■ 43.6257, 44.2910,
49.6857

■ 22.6577, 11.5220,
14.4358

■ 48.3583, 52.3455,
55.6125

■ 22.3717, 11.2599,
13.3850

■ 53.6554, 61.4450,
61.9861

■ 59.5357, 71.6257,
68.8169

■ 66.0169, 82.9217,
76.1150

■ 68.9962, 87.1257,
82.5167

Harmonies

Analogous

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



27.2627, 21.7282, 44.9078



29.9277, 21.7282, 30.2204



29.8777, 21.7282, 17.7752

Triad

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



29.9277, 21.7282, 30.2204



18.4801, 21.7282, 7.1957



15.2941, 21.7282, 45.3778

Complementary

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



29.9277, 21.7282, 30.2204



27.3769, 39.3293, 30.5762

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.



13.5527, 21.7282, 30.7144



29.9277, 21.7282, 30.2204



15.2069, 21.7282, 10.4608

Square

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



29.9277, 21.7282, 30.2204



22.8315, 21.7282, 7.1452



13.5232, 21.7282, 18.1224



18.6158, 21.7282, 55.5428

Rectangle

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



29.9277, 21.7282, 30.2204



28.2948, 21.7282, 12.2301



13.5232, 21.7282, 18.1224



14.5266, 21.7282, 40.6196

Sweetspot

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



29.9283, 21.7292, 30.2208



71.4639, 68.0938, 80.2670



24.0257, 18.2831, 48.1619



15.0810, 14.1360, 16.8667



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



29.9283, 21.7292, 30.2208



49.7927, 33.0233, 47.5423



27.2222, 20.6468, 15.9703



9.2048, 9.0923, 10.4259



15.2702, 7.6818, 9.3096



0.5691, 0.2831, 0.4902

Inverse Universe

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



29.9283, 21.7292, 30.2208



49.7927, 33.0233, 47.5423



31.0365, 40.7931, 49.8469



9.2048, 9.0923, 10.4259



15.2702, 7.6818, 9.3096



0.5691, 0.2831, 0.4902

Previews

White Background



This preview shows how the XYZ color 29.9277, 21.7282, 30.2204 looks on a white background.

Color Contrast Check

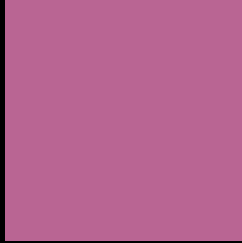
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9277, 21.7282, 30.2204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

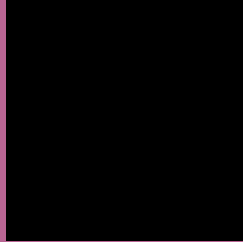
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.9277, 21.7282, 30.2204

Background



This preview shows how black text looks on a background with the XYZ color 29.9277, 21.7282, 30.2204.



This preview shows how white text looks on a background with the XYZ color 29.9277, 21.7282,

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

29.9277, 21.7282, 30.2204

Protanopia

22.1185, 22.0769, 38.6928

Deuteranopia

22.2832, 21.8013, 29.0202



Tritanopia

27.6436, 21.6983, 18.9509

Trichromacy



Original Color

29.9277, 21.7282, 30.2204

Protanomaly

23.9777, 21.2651, 35.1886

Deuteranomaly

24.4163, 21.2767, 29.2055

Tritanomaly

28.4108, 21.7027, 22.7703

Monochromacy



Original Color

29.9277, 21.7282, 30.2204

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

23.9943, 21.8184, 26.6136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9277, 21.7282, 30.2204 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(185, 101, 147)` looks like.

```
.text, #text, p{  
    color:rgb(185, 101, 147)  
}
```

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(185, 101, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 101, 147) }
```

Border

The CSS property to change the border of an element to XYZ 29.9277, 21.7282, 30.2204 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(185, 101, 147) }
```


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

```
.border{ border-color:rgb(185, 101, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 101, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 101, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 101, 147);  
box-shadow:4px 4px 4px 4px rgb(185, 101,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9277, 21.7282, 30.2204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 101, 147) }
```

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

```
.background{ background-color: rgb(185,  
101, 147) }
```

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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