

Converting Colors

XYZ(32.3884, 21.6980, 32.7609)

Have a look what the booklet for
XYZ(32.3884, 21.6980, 32.7609)
contains.

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Color

**XYZ(32.3419, 21.6900,
32.6190)**

Conversions

Conversions Part 1

Format	Color
Hex	C45C99
RGB	196, 92, 153
RGB Percent	77%, 36%, 60%
CMY	0.2314, 0.6392, 0.4000
CMYK	0.00, 0.53, 0.22, 0.23
HSL	325°, 47%, 56%
HSV	325°, 53%, 77%
XYZ	32.3419, 21.6900, 32.6190
YIQ	130.0500, 42.4030, 41.0190

Conversions

Conversions Part 2

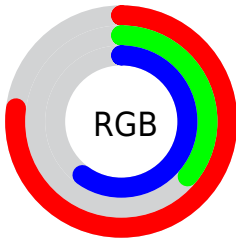
Format	Color
R_{YB}	196, 92, 153
Decimal	12868761
CIE _{Lab}	53.70, 48.65, -13.66
CIE _{LCh}	54, 50.534, 344.320
Yxy	21.6900, 0.3732, 0.2503
Android (android.graphics.Color)	4291058841 (0xFFC45C99)
YUV	130.0500, 11.3143, 57.8381
Hunter-Lab	46.5725, 42.4559, -8.9254

Details

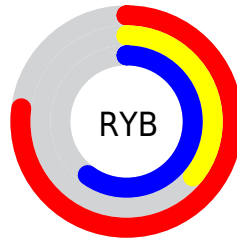
The XYZ color **32.3419, 21.6900, 32.6190** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **28.5278, 43.5051, 29.8175**, and the grayscale version is **21.1873, 22.2907, 24.2746**.

A 20% lighter version of the original color is **62.7814, 46.3228, 64.6637**, and **13.7388, 7.8345, 13.3585** is the 20% darker color. If you saturate the color by 10%, you get **30.2116, 18.4643, 28.7178**, and if you desaturate by 10%, it is **34.9581, 25.8143, 36.9069**.

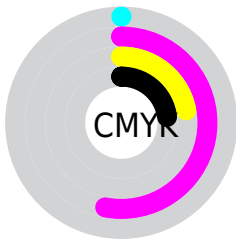
Distribution



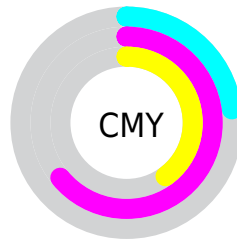
- Red (77%)
- Green (36%)
- Blue (60%)



- Red (77%)
- Yellow (36%)
- Blue (60%)



- Cyan (0%)
- Magenta (53%)
- Yellow (22%)
- Black (23%)





- Cyan (23%)
- Magenta (64%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3419, 21.6900, 32.6190 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 32.3419, 21.6900, 32.6190 by changing the saturation by 10% instead.


 32.3419, 21.6900,
32.6190


 32.3419, 21.6900,
32.6190


304.3915,
260.9231, 328.5086

 21.7796, 13.6293,
21.5660


 62.7083, 46.2331,
64.8894


 13.8107, 7.8633,
13.3431


 83.2431, 63.4843,
86.9438

 8.0700, 4.0076,
7.5317


 107.8327, 84.5677,
113.5026

 4.1919, 1.6778,
3.7134

 136.8426,
109.8679, 144.9840

 1.8113, 0.4092,
1.4695

170.6381,
139.7691, 181.8069

 0.5245, 0.0000,
0.1950

209.5844,

 0.0000, 0.0000,

174.6558, 224.3895

0.0000

254.0471,
214.9123, 273.1506

■ 32.3419, 21.6900,
32.6190

■ 32.3419, 21.6900,
32.6190

■ 30.2116, 18.4643,
28.7178

■ 34.9581, 25.8143,
36.9069

■ 28.5298, 16.0645,
25.1859

■ 38.0902, 30.8962,
41.5951

■ 27.2564, 14.4117,
22.0054

■ 41.7676, 36.9935,
46.6980

■ 26.3426, 13.4097,
19.1555

■ 46.0172, 44.1582,
52.2285

■ 25.8572, 12.9727,
17.3481

■ 50.8638, 52.4390,
58.1988

■ 56.3310, 61.8813,
64.6207

■ 62.4408, 72.5283,
71.5052

■ 69.2142, 84.4208,
78.8632

■ 72.2442, 88.7435,
85.2291

Harmonies

Analogous

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



28.7721, 21.6900, 51.9903



32.3419, 21.6900, 32.6190



32.4282, 21.6900, 16.9871

Triad

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



32.3419, 21.6900, 32.6190



18.1480, 21.6900, 4.9131



14.0323, 21.6900, 51.1489

Complementary

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



32.3419, 21.6900, 32.6190



28.5278, 43.5051, 29.8175

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.



12.0891, 21.6900, 31.7794



32.3419, 21.6900, 32.6190



14.1678, 21.6900, 8.0703

Square

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



32.3419, 21.6900, 32.6190



23.5571, 21.6900, 4.9776



12.1339, 21.6900, 16.4448



17.9299, 21.6900, 65.4853

Rectangle

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



32.3419, 21.6900, 32.6190



30.4570, 21.6900, 10.4861



12.1339, 21.6900, 16.4448



13.1618, 21.6900, 44.7136

Sweetspot

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



32.3426, 21.6911, 32.6194



80.7889, 75.6351, 91.3301



23.5600, 16.6767, 54.2020



16.9441, 15.6016, 19.0974



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.



32.3426, 21.6911, 32.6194



54.0752, 32.4898, 50.7271



29.0112, 20.3585, 15.0765



10.3154, 10.1748, 11.7514



16.6580, 8.3529, 11.3768



0.7534, 0.3744, 0.6687

Inverse Universe

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



32.3426, 21.6911, 32.6194



54.0752, 32.4898, 50.7271



32.9748, 45.2839, 53.2350



10.3154, 10.1748, 11.7514



16.6580, 8.3529, 11.3768



0.7534, 0.3744, 0.6687

Previews

White Background



This preview shows how the XYZ color 32.3419, 21.6900, 32.6190 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 32.3419, 21.6900, 32.6190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

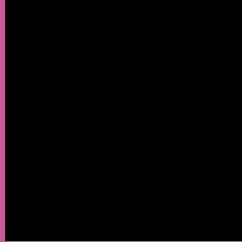
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.3419, 21.6900, 32.6190

Background



This preview shows how black text looks on a background with the XYZ color 32.3419, 21.6900, 32.6190.



This preview shows how white text looks on a background with the XYZ color 32.3419, 21.6900,

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

32.3419, 21.6900, 32.6190

Protanopia

22.5647, 21.9705, 45.1709

Deuteranopia

22.3219, 21.9654, 31.0802



Tritanopia

29.2499, 21.8133, 17.1368

Trichromacy



Original Color

32.3419, 21.6900, 32.6190

Protanomaly

24.6803, 20.8285, 40.2556

Deuteranomaly

25.0399, 21.2052, 31.6274

Tritanomaly

30.0617, 21.5535, 21.9779

Monochromacy



Original Color

32.3419, 21.6900, 32.6190

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

24.1593, 21.1958, 26.8626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3419, 21.6900, 32.6190 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(196, 92, 153)` looks like.

```
.text, #text, p{  
    color:rgb(196, 92, 153)  
}
```

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(196, 92, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 92, 153) }
```

Border

The CSS property to change the border of an element to XYZ 32.3419, 21.6900, 32.6190 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(196, 92, 153) }
```


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

```
.border{ border-color:rgb(196, 92, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 92, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 92, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 92, 153);  
box-shadow:4px 4px 4px 4px rgb(196, 92,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3419, 21.6900, 32.6190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 92, 153) }
```

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

```
.background{ background-color: rgb(196, 92,  
153) }
```

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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