

Converting Colors

XYZ(32.5230, 22.5198, 21.8752)

Have a look what the booklet for
XYZ(32.5230, 22.5198, 21.8752)
contains.

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Color

**XYZ(32.5131, 22.5429,
22.0396)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CB607D |
| RGB | 203, 96, 125 |
| RGB Percent | 80%, 38%, 49% |
| CMY | 0.2039, 0.6235, 0.5098 |
| CMYK | 0.00, 0.53, 0.38, 0.20 |
| HSL | 344°, 51%, 59% |
| HSV | 344°, 53%, 80% |
| XYZ | 32.5131, 22.5429, 22.0396 |
| YIQ | 131.2990, 54.4630, 31.7030 |

Conversions

Conversions Part 2

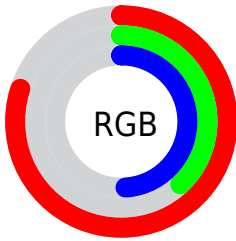
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 203, 96, 125 |
| Decimal | 13328509 |
| CIE _{Lab} | 54.60, 45.38, 4.29 |
| CIE _{LCh} | 55, 45.584, 5.402 |
| Yxy | 22.5429, 0.4217, 0.2924 |
| Android (android.graphics.Color) | 4291518589 (0xFFCB607D) |
| YUV | 131.2990, -3.1054, 62.8818 |
| Hunter-Lab | 47.4794, 39.1450, 5.7135 |

Details

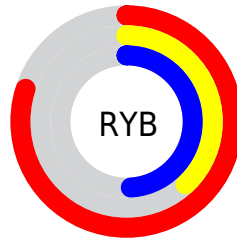
The XYZ color **32.5131, 22.5429, 22.0396** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **33.8209, 48.2551, 47.5788**, and the grayscale version is **21.6781, 22.8071, 24.8369**.

A 20% lighter version of the original color is **60.0822, 46.2470, 47.3549**, and **13.8454, 8.2693, 7.7039** is the 20% darker color. If you saturate the color by 10%, you get **30.0183, 18.9552, 16.8861**, and if you desaturate by 10%, it is **35.6282, 27.1455, 28.0953**.

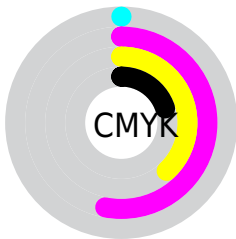
Distribution



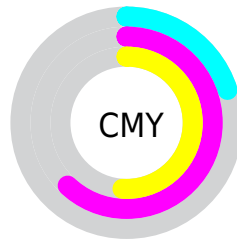
- Red (80%)
- Green (38%)
- Blue (49%)



- Red (80%)
- Yellow (38%)
- Blue (49%)



- Cyan (0%)
- Magenta (53%)
- Yellow (38%)
- Black (20%)





- Cyan (20%)
- Magenta (62%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5131, 22.5429, 22.0396 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 32.5131, 22.5429, 22.0396 by changing the saturation by 10% instead.


 32.5131, 22.5429,
22.0396


 32.5131, 22.5429,
22.0396


305.1539,
265.3685, 275.7133


 21.9112, 14.2564,
13.6874


 62.9744, 47.6417,
47.7145


 13.9079, 8.2992,
7.7673


 83.5644, 65.2227,
65.8742

 8.1379, 4.2870,
3.8608


 108.2146, 86.6706,
88.1402

 4.2359, 1.8354,
1.5493

 137.2902,
112.3700, 114.9311

 1.8364, 0.5091,
0.2542

171.1565,
142.7050, 146.6652

 0.5395, 0.0000,
0.0000

210.1790,

 0.0000, 0.0000,

178.0602, 183.7613

0.0000

254.7230,
218.8199, 226.6378

■ 32.5131, 22.5429,
22.0396

■ 32.5131, 22.5429,
22.0396

■ 30.0183, 18.9552,
16.8861

■ 35.6282, 27.1455,
28.0953

■ 28.0980, 16.3012,
12.5882

■ 39.4010, 32.8291,
35.0938

■ 26.7031, 14.4930,
9.0970

■ 43.8685, 39.6582,
43.0746

■ 25.7743, 13.4237,
6.3568

■ 49.0638, 47.6912,
52.0746

■ 25.3184, 12.9724,
4.7853

■ 55.0182, 56.9826,
62.1287

■ 61.7610, 67.5833,
73.2701

■ 69.3200, 79.5418,
85.5304

■ 76.6254, 90.7112,
98.5748

■ 78.4386, 91.4365,
108.1226

Harmonies

Analogous

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



31.4280, 22.5429, 37.9061



32.5131, 22.5429, 22.0396



30.2722, 22.5429, 11.7853

Triad

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



32.5131, 22.5429, 22.0396



16.3183, 22.5429, 8.2310



17.6631, 22.5429, 59.1262

Complementary

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



32.5131, 22.5429, 22.0396



33.8209, 48.2551, 47.5788

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.



14.4971, 22.5429, 44.2372



32.5131, 22.5429, 22.0396



13.8096, 22.5429, 14.7632

Square

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



32.5131, 22.5429, 22.0396



20.5325, 22.5429, 6.0551



13.1988, 22.5429, 27.2342



22.3457, 22.5429, 63.5069

Rectangle

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



32.5131, 22.5429, 22.0396



27.3719, 22.5429, 8.1242



13.1988, 22.5429, 27.2342



16.4108, 22.5429, 54.9617

Sweetspot

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



32.5137, 22.5441, 22.0400



78.9628, 74.9047, 81.7140



32.1269, 21.5270, 58.9617



16.5105, 15.4281, 16.8139



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.



32.5137, 22.5441, 22.0400



49.8530, 31.1594, 27.3879



33.3594, 26.7796, 14.4786



11.3351, 11.2628, 12.2994



16.1456, 8.2688, 3.2193



0.8654, 0.4396, 0.3369

Inverse Universe

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



32.5137, 22.5441, 22.0400



49.8530, 31.1594, 27.3879



31.8885, 39.3680, 62.4179



11.3351, 11.2628, 12.2994



16.1456, 8.2688, 3.2193



0.8654, 0.4396, 0.3369

Previews

White Background



This preview shows how the XYZ color 32.5131, 22.5429, 22.0396 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 32.5131, 22.5429, 22.0396 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 32.5131, 22.5429, 22.0396

Background



This preview shows how black text looks on a background with the XYZ color 32.5131, 22.5429, 22.0396.



This preview shows how white text looks on a background with the XYZ color 32.5131, 22.5429,

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

32.5131, 22.5429, 22.0396

Protanopia

22.1467, 22.6767, 29.9979

Deuteranopia

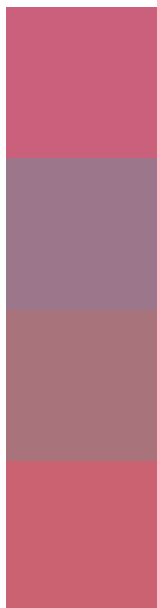
23.0638, 22.5737, 20.9109



Tritanopia

31.4205, 22.5208, 16.3266

Trichromacy



Original Color

32.5131, 22.5429, 22.0396

Protanomaly

24.7762, 21.8598, 26.9583

Deuteranomaly

25.7920, 21.9914, 21.2977

Tritanomaly

31.7054, 22.4842, 18.2916

Monochromacy



Original Color

32.5131, 22.5429, 22.0396

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

24.3455, 21.7099, 23.6762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5131, 22.5429, 22.0396 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(203, 96, 125)` looks like.

```
.text, #text, p{  
    color:rgb(203, 96, 125)  
}
```

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(203, 96, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 96, 125) }
```

Border

The CSS property to change the border of an element to XYZ 32.5131, 22.5429, 22.0396 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(203, 96, 125) }
```


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

```
.border{ border-color:rgb(203, 96, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 96, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 96, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 96, 125);  
box-shadow:4px 4px 4px 4px rgb(203, 96,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5131, 22.5429, 22.0396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 96, 125) }
```

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

```
.background{ background-color: rgb(203, 96,  
125) }
```

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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