

Converting Colors

XYZ(32.3633, 22.4823, 22.6687)

Have a look what the booklet for
XYZ(32.3633, 22.4823, 22.6687)
contains.

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Color

**XYZ(32.3708, 22.4546,
22.7067)**

Conversions

Conversions Part 1

Format	Color
Hex	CA607F
RGB	202, 96, 127
RGB Percent	79%, 38%, 50%
CMY	0.2078, 0.6235, 0.5020
CMYK	0.00, 0.52, 0.37, 0.21
HSL	342°, 50%, 58%
HSV	342°, 52%, 79%
XYZ	32.3708, 22.4546, 22.7067
YIQ	131.2280, 53.2250, 32.1130

Conversions

Conversions Part 2

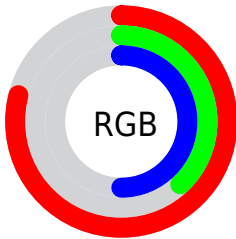
Format	Color
R_{YB}	202, 96, 127
Decimal	13262975
CIE _{Lab}	54.51, 45.27, 2.96
CIE _{LCh}	55, 45.365, 3.740
Yxy	22.4546, 0.4175, 0.2896
Android (android.graphics.Color)	4291453055 (0xFFCA607F)
YUV	131.2280, -2.0844, 62.0670
Hunter-Lab	47.3863, 39.0120, 4.7596

Details

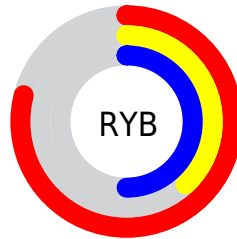
The XYZ color **32.3708, 22.4546, 22.7067** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **33.2963, 47.6688, 45.9770**, and the grayscale version is **21.6495, 22.7769, 24.8041**.

A 20% lighter version of the original color is **60.3846, 46.3680, 48.9473**, and **13.7406, 8.2071, 8.0676** is the 20% darker color. If you saturate the color by 10%, you get **29.8925, 18.8845, 17.6061**, and if you desaturate by 10%, it is **35.4560, 27.0268, 28.6620**.

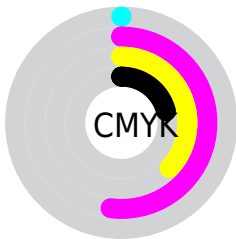
Distribution



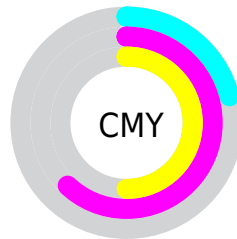
- Red (79%)
- Green (38%)
- Blue (50%)



- Red (79%)
- Yellow (38%)
- Blue (50%)



- Cyan (0%)
- Magenta (52%)
- Yellow (37%)
- Black (21%)





- Cyan (21%)
- Magenta (62%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3708, 22.4546, 22.7067 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 32.3708, 22.4546, 22.7067 by changing the saturation by 10% instead.


 32.3708, 22.4546,
22.7067


 32.3708, 22.4546,
22.7067


304.5203,
264.9112, 279.2879

 21.8018, 14.1913,
14.1738


 62.7532, 47.4962,
48.8284


 13.8271, 8.2538,
8.1015


 83.2973, 65.0433,
67.2542

 8.0814, 4.2578,
4.0713


 107.8972, 86.4538,
89.8148

 4.1993, 1.8188,
1.6645

 136.9182,
112.1121, 116.9287

 1.8155, 0.4988,
0.3363

170.7256,
142.4026, 149.0144

 0.5270, 0.0000,
0.0000

209.6849,

 0.0000, 0.0000,

177.7097, 186.4905

0.0000

254.1613,
218.4178, 229.7755

■ 32.3708, 22.4546,
22.7067

■ 32.3708, 22.4546,
22.7067

■ 29.8925, 18.8845,
17.6061

■ 35.4560, 27.0268,
28.6620

■ 27.9766, 16.2366,
13.3175

■ 39.1845, 32.6658,
35.5093

■ 26.5752, 14.4247,
9.7960

■ 43.5920, 39.4352,
43.2850

■ 25.6310, 13.3441,
6.9907

■ 48.7110, 47.3923,
52.0230

■ 25.1484, 12.8731,
5.3063

■ 54.5718, 56.5907,
61.7555

■ 61.2030, 67.0805,
72.5131

■ 68.6315, 78.9094,
84.3251

■ 76.0461, 90.4482,
96.9405

■ 78.1672, 91.2966,
108.1099

Harmonies

Analogous

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



31.1123, 22.4546, 38.6694



32.3708, 22.4546, 22.7067



30.3175, 22.4546, 12.1795

Triad

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



32.3708, 22.4546, 22.7067



16.4618, 22.4546, 8.0204



17.3869, 22.4546, 58.1283

Complementary

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



32.3708, 22.4546, 22.7067



33.2963, 47.6688, 45.9770

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.



14.3404, 22.4546, 43.0217



32.3708, 22.4546, 22.7067



13.8674, 22.4546, 14.2283

Square

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



32.3708, 22.4546, 22.7067



20.7250, 22.4546, 6.0442



13.1553, 22.4546, 26.2787



21.9720, 22.4546, 63.1971

Rectangle

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



32.3708, 22.4546, 22.7067



27.5090, 22.4546, 8.3532



13.1553, 22.4546, 26.2787



16.1740, 22.4546, 53.8285

Sweetspot

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



32.3714, 22.4558, 22.7071



79.0826, 74.9526, 82.3447



31.4654, 21.1997, 58.3108



16.5388, 15.4394, 16.9629



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.



32.3714, 22.4558, 22.7071



50.1060, 31.2606, 28.7201



32.8540, 26.1716, 14.3878



11.3450, 11.2667, 12.3515



16.2167, 8.2973, 3.5941



0.8701, 0.4414, 0.3616

Inverse Universe

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



32.3714, 22.4558, 22.7071



50.1060, 31.2606, 28.7201



31.9687, 39.7184, 61.8588



11.3450, 11.2667, 12.3515



16.2167, 8.2973, 3.5941



0.8701, 0.4414, 0.3616

Previews

White Background



This preview shows how the XYZ color 32.3708, 22.4546, 22.7067 looks on a white background.

Color Contrast Check

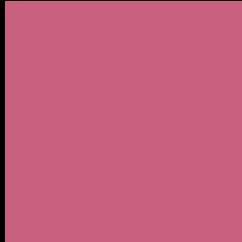
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.3708, 22.4546, 22.7067 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 32.3708, 22.4546, 22.7067

Background



This preview shows how black text looks on a background with the XYZ color 32.3708, 22.4546, 22.7067.



This preview shows how white text looks on a background with the XYZ color 32.3708, 22.4546,

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

32.3708, 22.4546, 22.7067

Protanopia

22.1512, 22.6610, 30.8103

Deuteranopia

23.0063, 22.5299, 21.5485



Tritanopia

31.0304, 22.4552, 16.6087

Trichromacy



Original Color

32.3708, 22.4546, 22.7067

Protanomaly

24.7296, 21.8189, 27.7190

Deuteranomaly

25.7052, 21.9322, 21.9473

Tritanomaly

31.5865, 22.5561, 18.6086

Monochromacy



Original Color

32.3708, 22.4546, 22.7067

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

24.4123, 21.7367, 24.0280

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3708, 22.4546, 22.7067 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(202, 96, 127)` looks like.

```
.text, #text, p{  
    color:rgb(202, 96, 127)  
}
```

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(202, 96, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 96, 127) }
```

Border

The CSS property to change the border of an element to XYZ 32.3708, 22.4546, 22.7067 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(202, 96, 127) }
```


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

```
.border{ border-color:rgb(202, 96, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 96, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 96, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 96, 127);  
box-shadow:4px 4px 4px 4px rgb(202, 96,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3708, 22.4546, 22.7067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 96, 127) }
```

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

```
.background{ background-color: rgb(202, 96,  
127) }
```

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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