

Converting Colors

XYZ(32.6118, 23.3266, 21.9507)

Have a look what the booklet for
XYZ(32.6118, 23.3266, 21.9507)
contains.

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Color

**XYZ(32.6489, 23.3192,
21.8490)**

Conversions

Conversions Part 1

Format	Color
Hex	CA657C
RGB	202, 101, 124
RGB Percent	79%, 40%, 49%
CMY	0.2078, 0.6039, 0.5137
CMYK	0.00, 0.50, 0.39, 0.21
HSL	346°, 49%, 59%
HSV	346°, 50%, 79%
XYZ	32.6489, 23.3192, 21.8490
YIQ	133.8210, 52.8130, 28.5650

Conversions

Conversions Part 2

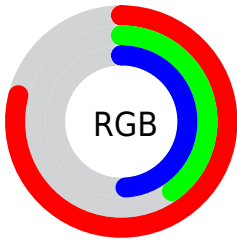
Format	Color
R_{YB}	202, 101, 124
Decimal	13264252
CIE _{Lab}	55.40, 42.41, 6.01
CIE _{LCh}	55, 42.838, 8.068
Yxy	23.3192, 0.4196, 0.2997
Android (android.graphics.Color)	4291454332 (0xFFCA657C)
YUV	133.8210, -4.8418, 59.7930
Hunter-Lab	48.2900, 36.1766, 6.9770

Details

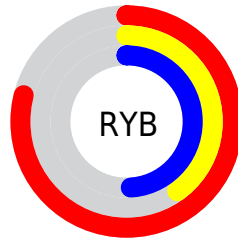
The XYZ color **32.6489, 23.3192, 21.8490** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **34.6253, 48.2630, 50.1416**, and the grayscale version is **22.5987, 23.7756, 25.8916**.

A 20% lighter version of the original color is **60.6321, 47.5058, 47.0482**, and **14.0454, 8.7244, 7.6003** is the 20% darker color. If you saturate the color by 10%, you get **30.0133, 19.5039, 16.4819**, and if you desaturate by 10%, it is **35.9239, 28.1632, 28.1998**.

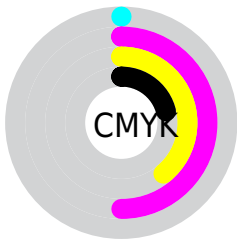
Distribution



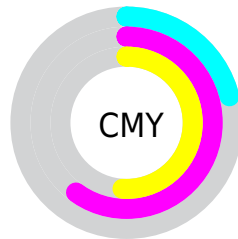
- Red (79%)
- Green (40%)
- Blue (49%)



- Red (79%)
- Yellow (40%)
- Blue (49%)



- Cyan (0%)
- Magenta (50%)
- Yellow (39%)
- Black (21%)





- Cyan (21%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6489, 23.3192, 21.8490 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 32.6489, 23.3192, 21.8490 by changing the saturation by 10% instead.


 32.6489, 23.3192,
21.8490


 32.6489, 23.3192,
21.8490


305.7577,
269.3603, 274.6844


 22.0156, 14.8294,
13.5487


 63.1853, 48.9169,
47.3953


 13.9850, 8.6997,
7.6723


 83.8192, 66.7936,
65.4784

 8.1919, 4.5458,
3.8013


 108.5172, 88.5681,
87.6595

 4.2708, 1.9833,
1.5170

 137.6447,
114.6246, 114.3572

 1.8564, 0.5978,
0.2305

171.5672,
145.3478, 145.9900

 0.5513, 0.0000,
0.0000

210.6500,

 0.0000, 0.0000,

181.1218, 182.9764

0.0000

255.2584,
222.3312, 225.7351

■ 32.6489, 23.3192,
21.8490

■ 32.6489, 23.3192,
21.8490

■ 30.0133, 19.5039,
16.4819

■ 35.9239, 28.1632,
28.1998

■ 27.9718, 16.6389,
12.0466

■ 39.8754, 34.0997,
35.5797

■ 26.4762, 14.6403,
8.4883


■ 44.5401, 41.1915,
44.0330


■ 25.4694, 13.4076,
5.7452

■ 49.9514, 49.4955,
53.6007


■ 24.8502, 12.7539,
3.7364


■ 56.1404, 59.0651,
64.3219

 24.8501, 12.7537,
3.7358

 63.1365, 69.9501,
76.2335

 70.9678, 82.1979,
89.3710

 77.1860, 90.9041,
102.9433

 78.1671, 91.2965,
108.1099

Harmonies

Analogous

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



31.9061, 23.3192, 36.6334



32.6489, 23.3192, 21.8490



30.2784, 23.3192, 12.3026

Triad

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



32.6489, 23.3192, 21.8490



16.9331, 23.3192, 9.7175



18.8839, 23.3192, 58.7704

Complementary

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



32.6489, 23.3192, 21.8490



34.6253, 48.2630, 50.1416

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.



15.6470, 23.3192, 45.4925



32.6489, 23.3192, 21.8490



14.6395, 23.3192, 16.7214

Square

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



32.6489, 23.3192, 21.8490



20.8904, 23.3192, 7.1501



14.2053, 23.3192, 29.2957



23.4888, 23.3192, 61.7157

Rectangle

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



32.6489, 23.3192, 21.8490



27.4287, 23.3192, 8.8845



14.2053, 23.3192, 29.2957



17.6205, 23.3192, 55.1841

Sweetspot

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



32.6495, 23.3204, 21.8494



79.6418, 76.2182, 82.0767



33.7750, 23.0893, 58.5536



16.6352, 15.6831, 16.8382



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.



32.6495, 23.3204, 21.8494



50.4949, 32.5642, 27.2290



34.4175, 28.9184, 16.0814



11.3152, 11.2548, 12.1945



16.0192, 8.2183, 2.5536



0.8563, 0.4359, 0.2891

Inverse Universe

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



32.6495, 23.3204, 21.8494



50.4949, 32.5642, 27.2290



31.3715, 37.7179, 61.5039



11.3152, 11.2548, 12.1945



16.0192, 8.2183, 2.5536



0.8563, 0.4359, 0.2891

Previews

White Background



This preview shows how the XYZ color 32.6489, 23.3192, 21.8490 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 32.6489, 23.3192, 21.8490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

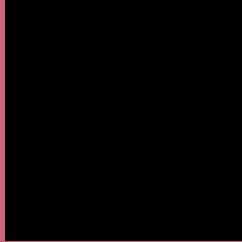
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.6489, 23.3192, 21.8490

Background



This preview shows how black text looks on a background with the XYZ color 32.6489, 23.3192, 21.8490.



This preview shows how white text looks on a background with the XYZ color 32.6489, 23.3192,

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

32.6489, 23.3192, 21.8490

Protanopia

22.8066, 23.4421, 28.9139

Deuteranopia

23.8114, 23.3496, 20.7047



Tritanopia

31.8069, 23.2657, 17.8532

Trichromacy



Original Color

32.6489, 23.3192, 21.8490

Protanomaly

25.3111, 22.6931, 25.9678

Deuteranomaly

26.5072, 22.8834, 21.1090

Tritanomaly

31.9912, 23.1812, 19.3113

Monochromacy



Original Color

32.6489, 23.3192, 21.8490

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

25.2869, 22.9017, 24.2068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6489, 23.3192, 21.8490 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, 101, 124)` looks like.

```
.text, #text, p{  
    color:rgb(202, 101, 124)  
}
```

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, 101, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 101, 124) }
```

Border

The CSS property to change the border of an element to XYZ 32.6489, 23.3192, 21.8490 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, 101, 124) }
```


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

```
.border{ border-color:rgb(202, 101, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 101, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 101, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 101, 124);  
box-shadow:4px 4px 4px 4px rgb(202, 101,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6489, 23.3192, 21.8490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 101, 124) }
```

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

```
.background{ background-color: rgb(202,  
101, 124) }
```

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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