

Converting Colors

XYZ(32.3159, 24.4486, 25.2064)

Have a look what the booklet for
XYZ(32.3159, 24.4486, 25.2064)
contains.

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Color

**XYZ(32.3152, 24.4474,
25.2059)**

Conversions

Conversions Part 1

Format	Color
Hex	C36E85
RGB	195, 110, 133
RGB Percent	76%, 43%, 52%
CMY	0.2353, 0.5686, 0.4784
CMYK	0.00, 0.44, 0.32, 0.24
HSL	344°, 41%, 60%
HSV	344°, 44%, 76%
XYZ	32.3152, 24.4474, 25.2059
YIQ	138.0370, 43.2770, 25.1730

Conversions

Conversions Part 2

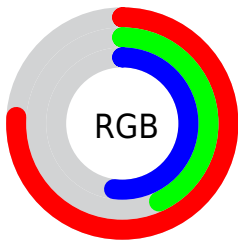
Format	Color
R _Y B	195, 110, 133
Decimal	12807813
CIE Lab	56.53, 36.33, 2.25
CIE LCh	57, 36.401, 3.549
Yxy	24.4474, 0.3942, 0.2983
Android (android.graphics.Color)	4290997893 (0xFFC36E85)
YUV	138.0370, -2.4832, 49.9566
Hunter-Lab	49.4443, 30.1343, 4.3859

Details

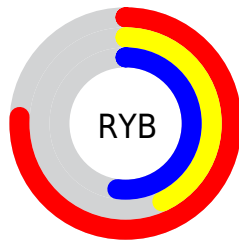
The XYZ color **32.3152, 24.4474, 25.2059** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **33.3930, 45.3243, 46.0206**, and the grayscale version is **24.1698, 25.4286, 27.6917**.

A 20% lighter version of the original color is **62.4681, 50.6222, 52.9330**, and **13.8117, 9.2570, 9.4463** is the 20% darker color. If you saturate the color by 10%, you get **29.5210, 20.3265, 19.7499**, and if you desaturate by 10%, it is **35.7068, 29.5498, 31.5181**.

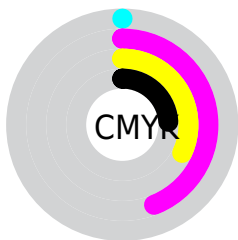
Distribution



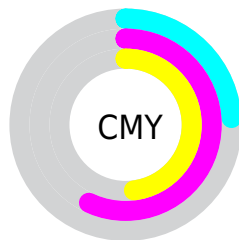
- Red (76%)
- Green (43%)
- Blue (52%)



- Red (76%)
- Yellow (43%)
- Blue (52%)



- Cyan (0%)
- Magenta (44%)
- Yellow (32%)
- Black (24%)





- Cyan (24%)
- Magenta (57%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3152, 24.4474, 25.2059 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 32.3152, 24.4474, 25.2059 by changing the saturation by 10% instead.


 32.3152, 24.4474,
25.2059


 32.3152, 24.4474,
25.2059


304.2724,
275.0746, 292.3422


 21.7591, 15.6658,
16.0101


 62.6668, 50.7593,
52.9593


 13.7956, 9.2880,
9.3769


 83.1929, 69.0585,
72.3540

 8.0594, 4.9295,
4.8877


 107.7731, 91.2989,
95.9854

 4.1851, 2.2060,
2.1239

 136.7727,
117.8651, 124.2721

 1.8074, 0.7232,
0.6299

170.5571,
149.1413, 157.6326

 0.5221, 0.0000,
0.0000

209.4916,

 0.0000, 0.0000,

185.5121, 196.4854

0.0000

253.9416,
227.3617, 241.2491

■ 32.3152, 24.4474,
25.2059

■ 32.3152, 24.4474,
25.2059

■ 29.5210, 20.3265,
19.7499

■ 35.7068, 29.5498,
31.5181

■ 27.2861, 17.1200,
15.1106

■ 39.7267, 35.6878,
38.7209

■ 25.5712, 14.7579,
11.2470


■ 44.4060, 42.9160,
46.8483


■ 24.3304, 13.1587,
8.1139

■ 49.7731, 51.2841,
55.9321


■ 23.5095, 12.2239,
5.6605

■ 55.8549, 60.8385,
66.0027

 23.1427, 11.8569,
4.4078

 62.6765, 71.6233,
77.0888

 70.2621, 83.6802,
89.2183

 75.0225, 89.8248,
101.2136

 76.3157, 90.3421,
108.0232

Harmonies

Analogous

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



31.2871, 24.4474, 38.3735



32.3152, 24.4474, 25.2059



30.6784, 24.4474, 15.7285

Triad

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



32.3152, 24.4474, 25.2059



19.0334, 24.4474, 11.5661



19.8055, 24.4474, 53.3252

Complementary

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



32.3152, 24.4474, 25.2059



33.3930, 45.3243, 46.0206

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.



17.1074, 24.4474, 41.6426



32.3152, 24.4474, 25.2059



16.7010, 24.4474, 17.5496

Square

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



32.3152, 24.4474, 25.2059



22.7377, 24.4474, 9.5063



16.0406, 24.4474, 28.0841



23.7426, 24.4474, 57.2121

Rectangle

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



32.3152, 24.4474, 25.2059



28.4000, 24.4474, 11.9578



16.0406, 24.4474, 28.0841



18.7402, 24.4474, 50.0357

Sweetspot

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



32.3159, 24.4486, 25.2064



79.8792, 77.4026, 84.5010



32.2036, 23.7419, 54.5151



17.0544, 16.2705, 17.7523



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.



32.3159, 24.4486, 25.2064



53.2264, 36.9209, 36.0818



33.0946, 28.2764, 18.4670



10.1826, 10.1217, 11.0523



15.0721, 7.7186, 3.0258



0.6811, 0.3455, 0.2883

Inverse Universe

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



32.3159, 24.4486, 25.2064



53.2264, 36.9209, 36.0818



31.9216, 38.5359, 57.3855



10.1826, 10.1217, 11.0523



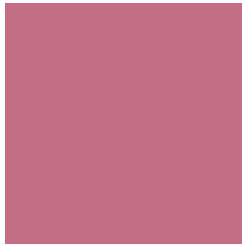
15.0721, 7.7186, 3.0258



0.6811, 0.3455, 0.2883

Previews

White Background



This preview shows how the XYZ color 32.3152, 24.4474, 25.2059 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 32.3152, 24.4474, 25.2059 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 32.3152, 24.4474, 25.2059

Background



This preview shows how black text looks on a background with the XYZ color 32.3152, 24.4474, 25.2059.



This preview shows how white text looks on a background with the XYZ color 32.3152, 24.4474,

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

32.3152, 24.4474, 25.2059

Protanopia

24.0009, 24.6170, 31.5035

Deuteranopia

25.0276, 24.4930, 24.1774



Tritanopia

31.4325, 24.4137, 20.8249

Trichromacy



Original Color

32.3152, 24.4474, 25.2059

Protanomaly

26.3234, 24.0730, 29.2458

Deuteranomaly

27.2607, 24.1025, 24.3345

Tritanomaly

31.6342, 24.3189, 22.4287

Monochromacy



Original Color

32.3152, 24.4474, 25.2059

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.4612, 24.5868, 26.6436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3152, 24.4474, 25.2059 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(195, 110, 133)` looks like.

```
.text, #text, p{  
    color:rgb(195, 110, 133)  
}
```

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(195, 110, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 110, 133) }
```

Border

The CSS property to change the border of an element to XYZ 32.3152, 24.4474, 25.2059 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(195, 110, 133) }
```


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

```
.border{ border-color:rgb(195, 110, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 110, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 110, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 110, 133);  
box-shadow:4px 4px 4px 4px rgb(195, 110,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3152, 24.4474, 25.2059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 110, 133) }
```

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

```
.background{ background-color: rgb(195,  
110, 133) }
```

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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