

Converting Colors

XYZ(32.3241, 24.2946, 25.7550)

Have a look what the booklet for
XYZ(32.3241, 24.2946, 25.7550)
contains.

XYZ(32.3475, 24.2887, 25.9049)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.3475, 24.2887,
25.9049)**

Conversions

Conversions Part 1

Format	Color
Hex	C36D87
RGB	195, 109, 135
RGB Percent	76%, 43%, 53%
CMY	0.2353, 0.5725, 0.4706
CMYK	0.00, 0.44, 0.31, 0.24
HSL	342°, 42%, 60%
HSV	342°, 44%, 76%
XYZ	32.3475, 24.2887, 25.9049
YIQ	137.6780, 42.9100, 26.3180

Conversions

Conversions Part 2

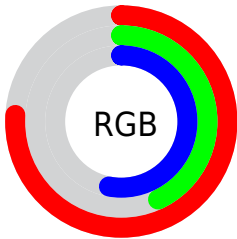
Format	Color
RYB	195, 109, 135
Decimal	12807559
CIELab	56.38, 37.13, 0.86
CIElCh	56, 37.136, 1.323
Yxy	24.2887, 0.3919, 0.2943
Android (android.graphics.Color)	4290997639 (0xFFC36D87)
YUV	137.6780, -1.3203, 50.2714
Hunter-Lab	49.2836, 30.9131, 3.3339

Details

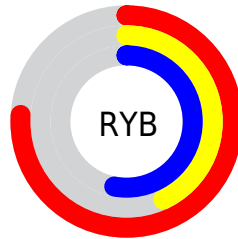
The XYZ color **32.3475, 24.2887, 25.9049** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **32.9844, 45.1466, 44.5144**, and the grayscale version is **24.0290, 25.2804, 27.5303**.

A 20% lighter version of the original color is **62.5054, 50.3541, 54.0019**, and **13.8002, 9.1710, 9.6371** is the 20% darker color. If you saturate the color by 10%, you get **29.5958, 20.2215, 20.5597**, and if you desaturate by 10%, it is **35.6844, 29.3301, 32.0496**.

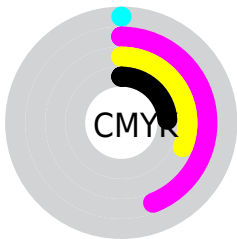
Distribution



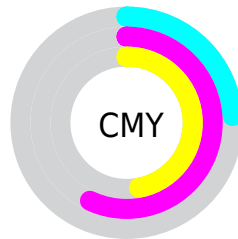
- Red (76%)
- Green (43%)
- Blue (53%)



- Red (76%)
- Yellow (43%)
- Blue (53%)



- Cyan (0%)
- Magenta (44%)
- Yellow (31%)
- Black (24%)




- Cyan (24%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3475, 24.2887, 25.9049 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 32.3475, 24.2887, 25.9049 by changing the saturation by 10% instead.


 32.3475, 24.2887,
25.9049


 32.3475, 24.2887,
25.9049


304.4164,
274.2768, 295.9055


 21.7839, 15.5479,
16.5274


 62.7170, 50.5009,
54.1037

 13.8139, 9.2048,
9.7397


 83.2536, 68.7411,
73.7620

 8.0722, 4.8750,
5.1234


 107.8452, 90.9166,
97.6844

 4.1934, 2.1741,
2.2598

 136.8572,
117.4117, 126.2893

 1.8121, 0.7058,
0.7086

170.6550,
148.6109, 159.9954

 0.5249, 0.0000,
0.0000

209.6039,

 0.0000, 0.0000,

184.8986, 199.2211

0.0000

254.0693,
226.6591, 244.3849

■ 32.3475, 24.2887,
25.9049

■ 32.3475, 24.2887,
25.9049

■ 29.5958, 20.2215,
20.5597

■ 35.6844, 29.3301,
32.0496

■ 27.3918, 17.0614,
15.9782

■ 39.6369, 35.3999,
39.0248

■ 25.6967, 14.7383,
12.1235


■ 44.2356, 42.5526,
46.8614


■ 24.4653, 13.1702,
8.9547


■ 49.5085, 50.8377,
55.5881

■ 23.6436, 12.2582,
6.4259


■ 55.4818, 60.3018,
65.2325

 23.2937, 11.9173,
5.2029

 62.1803, 70.9886,
75.8207

 69.6278, 82.9400,
87.3780

 74.5712, 89.6443,
98.8366

 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.



31.1004, 24.2887, 39.4716



32.3475, 24.2887, 25.9049



30.8688, 24.2887, 15.9729

Triad

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



32.3475, 24.2887, 25.9049



19.0596, 24.2887, 10.9697



19.3512, 24.2887, 53.0402

Complementary

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



32.3475, 24.2887, 25.9049



32.9844, 45.1466, 44.5144

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.



16.7349, 24.2887, 40.7175



32.3475, 24.2887, 25.9049



16.5818, 24.2887, 16.6571

Square

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



32.3475, 24.2887, 25.9049



22.8959, 24.2887, 9.1680



15.7856, 24.2887, 26.9951



23.2765, 24.2887, 57.7701

Rectangle

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



32.3475, 24.2887, 25.9049



28.6305, 24.2887, 11.9644



15.7856, 24.2887, 26.9951



18.3074, 24.2887, 49.4929

Sweetspot

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



32.3482, 24.2899, 25.9054



80.0247, 77.4608, 85.2672



31.4188, 23.1781, 54.4477



17.0909, 16.2850, 17.9441



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.



32.3482, 24.2899, 25.9054



53.1299, 36.3970, 37.0701



32.5710, 27.3158, 18.0254



10.1957, 10.1269, 11.1213



15.1727, 7.7588, 3.5554



0.6869, 0.3478, 0.3187

Inverse Universe

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



32.3482, 24.2899, 25.9054



53.1299, 36.3970, 37.0701



32.3249, 39.5260, 57.5554



10.1957, 10.1269, 11.1213



15.1727, 7.7588, 3.5554



0.6869, 0.3478, 0.3187

Previews

White Background



This preview shows how the XYZ color 32.3475, 24.2887, 25.9049 looks on a white background.

Color Contrast Check

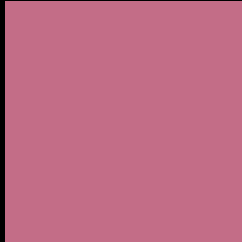
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.3475, 24.2887, 25.9049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

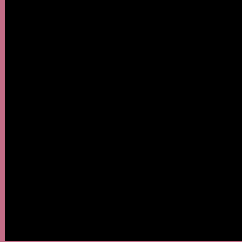
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.3475, 24.2887, 25.9049

Background



This preview shows how black text looks on a background with the XYZ color 32.3475, 24.2887, 25.9049.



This preview shows how white text looks on a background with the XYZ color 32.3475, 24.2887,

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

32.3475, 24.2887, 25.9049

Protanopia

24.0005, 24.5983, 32.3371

Deuteranopia

24.7907, 24.3553, 24.8672



Tritanopia

31.4325, 24.4137, 20.8249

Trichromacy



Original Color

32.3475, 24.2887, 25.9049

Protanomaly

26.2820, 24.0340, 30.0419

Deuteranomaly

26.9737, 23.9389, 25.0288

Tritanomaly

31.6342, 24.3189, 22.4287

Monochromacy



Original Color

32.3475, 24.2887, 25.9049

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.4028, 24.3558, 26.9765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3475, 24.2887, 25.9049 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, 109, 135)` looks like.

```
.text, #text, p{  
    color:rgb(195, 109, 135)  
}
```

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, 109, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 109, 135) }
```

Border

The CSS property to change the border of an element to XYZ 32.3475, 24.2887, 25.9049 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, 109, 135) }
```


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

```
.border{ border-color:rgb(195, 109, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 109, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 109, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 109, 135);  
box-shadow:4px 4px 4px 4px rgb(195, 109,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3475, 24.2887, 25.9049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 109, 135) }
```

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

```
.background{ background-color: rgb(195,  
109, 135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor