

Converting Colors

XYZ(33.3262, 24.4636, 26.6324)

Have a look what the booklet for
XYZ(33.3262, 24.4636, 26.6324)
contains.

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Color

**XYZ(33.3262, 24.4636,
26.6324)**

Conversions

Conversions Part 1

Format	Color
Hex	C76B89
RGB	199, 107, 137
RGB Percent	78%, 42%, 54%
CMY	0.2196, 0.5804, 0.4627
CMYK	0.00, 0.46, 0.31, 0.22
HSL	340°, 45%, 60%
HSV	340°, 46%, 78%
XYZ	33.3262, 24.4636, 26.6324
YIQ	137.9280, 45.2020, 28.8340

Conversions

Conversions Part 2

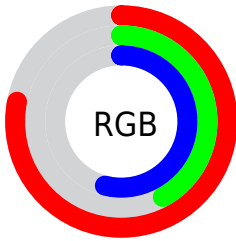
Format	Color
RYB	199, 107, 137
Decimal	13069193
CIELab	56.55, 39.86, 0.01
CIElCh	57, 39.865, 0.010
Yxy	24.4636, 0.3948, 0.2898
Android (android.graphics.Color)	4291259273 (0xFFC76B89)
YUV	137.9280, -0.4575, 53.5601
Hunter-Lab	49.4607, 33.7156, 2.6974

Details

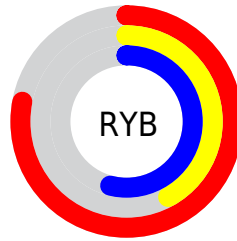
The XYZ color **33.3262, 24.4636, 26.6324** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **33.6494, 46.8378, 44.8055**, and the grayscale version is **24.1203, 25.3764, 27.6349**.

A 20% lighter version of the original color is **63.1051, 50.1193, 55.0632**, and **14.2898, 9.2672, 10.0524** is the 20% darker color. If you saturate the color by 10%, you get **30.5821, 20.4205, 21.2626**, and if you desaturate by 10%, it is **36.6687, 29.5118, 32.7922**.

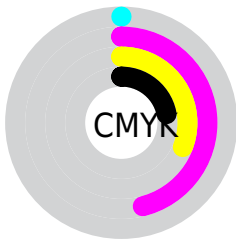
Distribution



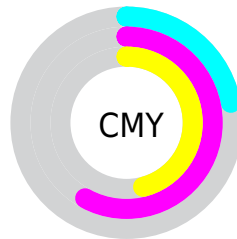
- Red (78%)
- Green (42%)
- Blue (54%)



- Red (78%)
- Yellow (42%)
- Blue (54%)



- Cyan (0%)
- Magenta (46%)
- Yellow (31%)
- Black (22%)





- Cyan (22%)
- Magenta (58%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.3262, 24.4636, 26.6324 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 33.3262, 24.4636, 26.6324 by changing the saturation by 10% instead.


 33.3262, 24.4636,
26.6324


 33.3262, 24.4636,
26.6324


308.7561,
275.1560, 299.5765


 22.5369, 15.6779,
17.0673


 64.2357, 50.7857,
55.2900

 14.3707, 9.2965,
10.1201


 85.0867, 69.0908,
75.2196

 8.4624, 4.9351,
5.3720


 110.0222, 91.3379,
99.4411

 4.4465, 2.2092,
2.4046

 139.4077,
117.9113, 128.3731

 1.9577, 0.7250,
0.7889

173.6085,
149.1954, 162.4341

 0.6100, 0.0000,
0.0000

212.9899,

 0.0000, 0.0000,

185.5746, 202.0426

0.0000

257.9173,
227.4333, 247.6172

■ 33.3262, 24.4636,
26.6324

■ 33.3262, 24.4636,
26.6324

■ 30.5821, 20.4205,
21.2626

■ 36.6687, 29.5118,
32.7922

■ 28.3968, 17.3106,
16.6473

■ 40.6416, 35.6231,
39.7725

■ 26.7288, 15.0584,
12.7500


■ 45.2773, 42.8555,
47.6036


■ 25.5296, 13.5747,
9.5302


■ 50.6051, 51.2616,
56.3140


■ 24.7384, 12.7465,
6.9414


■ 56.6525, 60.8909,
65.9306

 24.5040, 12.5224,
6.1092

 63.4455, 71.7899,
76.4794

 71.0090, 84.0025,
87.9850

 75.6868, 90.2116,
99.2447

 77.3632, 90.8821,
108.0723

Harmonies

Analogous

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



31.8355, 24.4636, 41.5023



33.3262, 24.4636, 26.6324



31.8336, 24.4636, 15.8217

Triad

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



33.3262, 24.4636, 26.6324



19.0819, 24.4636, 10.1097



19.0842, 24.4636, 55.3431

Complementary

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



33.3262, 24.4636, 26.6324



33.6494, 46.8378, 44.8055

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.



16.3703, 24.4636, 41.5123



33.3262, 24.4636, 26.6324



16.3691, 24.4636, 15.8270

Square

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



33.3262, 24.4636, 26.6324



23.2504, 24.4636, 8.4235



15.4449, 24.4636, 26.6410



23.2534, 24.4636, 61.0829

Rectangle

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



33.3262, 24.4636, 26.6324



29.4477, 24.4636, 11.5013



15.4449, 24.4636, 26.6410



17.9925, 24.4636, 51.3007

Sweetspot

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



33.3269, 24.4648, 26.6329



81.0652, 77.8459, 86.3102



31.7870, 23.0017, 56.7973



16.9376, 16.0124, 17.7890



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.



33.3269, 24.4648, 26.6329



53.7294, 36.0194, 37.5985



33.2084, 27.2060, 17.4124



10.7741, 10.6930, 11.7935



15.7927, 8.0667, 4.1185



0.7813, 0.3954, 0.3715

Inverse Universe

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



33.3269, 24.4648, 26.6329



53.7294, 36.0194, 37.5985



33.4444, 41.3927, 60.2598



10.7741, 10.6930, 11.7935



15.7927, 8.0667, 4.1185



0.7813, 0.3954, 0.3715

Previews

White Background



This preview shows how the XYZ color 33.3262, 24.4636, 26.6324 looks on a white background.

Color Contrast Check

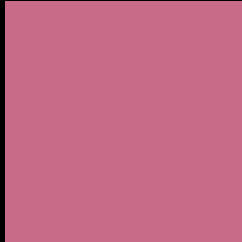
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.3262, 24.4636, 26.6324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

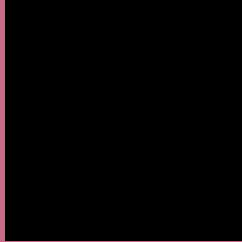
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.3262, 24.4636, 26.6324

Background



This preview shows how black text looks on a background with the XYZ color 33.3262, 24.4636, 26.6324.



This preview shows how white text looks on a background with the XYZ color 33.3262, 24.4636,

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

33.3262, 24.4636, 26.6324

Protanopia

24.1696, 24.6476, 34.0554

Deuteranopia

25.0626, 24.6800, 25.6331



Tritanopia

31.8719, 24.3302, 20.1559

Trichromacy



Original Color

33.3262, 24.4636, 26.6324

Protanomaly

26.5835, 23.9734, 31.2432

Deuteranomaly

27.5345, 24.2120, 25.7764

Tritanomaly

32.4590, 24.4237, 22.4055

Monochromacy



Original Color

33.3262, 24.4636, 26.6324

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.6740, 24.4873, 27.3654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3262, 24.4636, 26.6324 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(199, 107, 137)` looks like.

```
.text, #text, p{  
    color:rgb(199, 107, 137)  
}
```

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(199, 107, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 107, 137) }
```

Border

The CSS property to change the border of an element to XYZ 33.3262, 24.4636, 26.6324 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(199, 107, 137) }
```


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

```
.border{ border-color:rgb(199, 107, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 107, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 107, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 107, 137);  
box-shadow:4px 4px 4px 4px rgb(199, 107,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3262, 24.4636, 26.6324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 107, 137) }
```

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

```
.background{ background-color: rgb(199,  
107, 137) }
```

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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