

Converting Colors

XYZ(24.9961, 14.2477, 16.4716)

Have a look what the booklet for
XYZ(24.9961, 14.2477, 16.4716)
contains.

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Color

**XYZ(24.9961, 14.2477,
16.4716)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | BD326F |
| RGB | 189, 50, 111 |
| RGB Percent | 74%, 20%, 44% |
| CMY | 0.2588, 0.8039, 0.5647 |
| CMYK | 0.00, 0.74, 0.41, 0.26 |
| HSL | 334°, 58%, 47% |
| HSV | 334°, 74%, 74% |
| XYZ | 24.9961, 14.2477, 16.4716 |
| YIQ | 98.5150, 63.2630, 48.4390 |

Conversions

Conversions Part 2

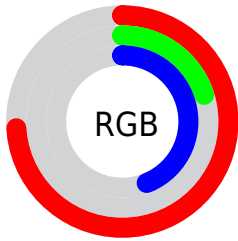
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 189, 50, 111 |
| Decimal | 12399215 |
| CIE _{Lab} | 44.59, 59.20, -2.11 |
| CIE _{LCh} | 45, 59.233, 357.960 |
| Yxy | 14.2477, 0.4486, 0.2557 |
| Android (android.graphics.Color) | 4290589295 (0xFFBD326F) |
| YUV | 98.5150, 6.1551, 79.3553 |
| Hunter-Lab | 37.7461, 52.1499, 0.5494 |

Details

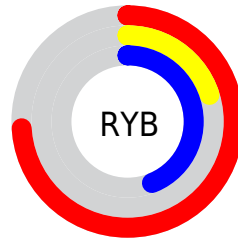
The XYZ color **24.9961, 14.2477, 16.4716** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **23.4102, 38.6322, 26.6479**, and the grayscale version is **11.7129, 12.3228, 13.4196**.

A 20% lighter version of the original color is **50.9511, 33.4735, 37.9580**, and **10.1313, 5.1160, 5.3040** is the 20% darker color. If you saturate the color by 10%, you get **23.7985, 12.7322, 13.3601**, and if you desaturate by 10%, it is **26.5973, 16.4593, 20.0600**.

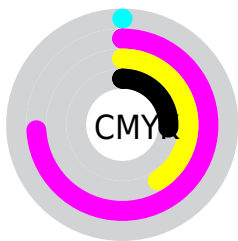
Distribution



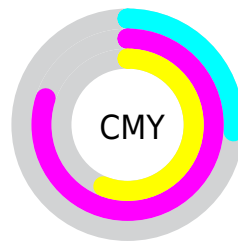
- Red (74%)
- Green (20%)
- Blue (44%)



- Red (74%)
- Yellow (20%)
- Blue (44%)



- Cyan (0%)
- Magenta (74%)
- Yellow (41%)
- Black (26%)





- Cyan (26%)
- Magenta (80%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.9961, 14.2477, 16.4716 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 24.9961, 14.2477, 16.4716 by changing the saturation by 10% instead.


 24.9961, 14.2477,
16.4716


 24.9961, 14.2477,
16.4716


270.1665,
218.7664, 244.0487

 16.2029, 8.2931,
9.7005


 51.0938, 33.5279,
38.1931


 9.7596, 4.2831,
5.0979


 69.1290, 47.6223,
53.9807


 5.3009, 1.8331,
2.2450

 90.9756, 65.1988,
73.6108

 2.4614, 0.5077,
0.7002

 116.9989, 86.6418,
97.5020

 0.8758, 0.0000,
0.0000

 147.5643,
112.3357, 126.0728

 0.0000, 0.0000,
0.0000

 183.0371,

142.6648, 159.7419

223.7828,
178.0136, 198.9276

■ 24.9961, 14.2477,
16.4716

■ 24.9961, 14.2477,
16.4716

■ 23.7985, 12.7322,
13.3601

■ 26.5973, 16.4593,
20.0600

■ 22.9567, 11.8214,
10.6974

■ 28.6398, 19.4387,
24.1489

■ 22.5451, 11.4423,
9.1910

■ 31.1579, 23.2513,
28.7608

■ 34.1822, 27.9547,
33.9160

■ 37.7405, 33.6014,
39.6338

■ 41.8586, 40.2396,
45.9325

■ 46.5604, 47.9145,
52.8291

■ 51.8685, 56.6683,
60.3402

■ 57.8043, 66.5409,
68.4816

Harmonies

Analogous

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



22.9513, 14.2477, 34.1474



24.9961, 14.2477, 16.4716



23.4207, 14.2477, 6.1380

Triad

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



24.9961, 14.2477, 16.4716



9.6647, 14.2477, 1.9292



9.2182, 14.2477, 50.3600

Complementary

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



24.9961, 14.2477, 16.4716



23.4102, 38.6322, 26.6479

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.



6.9246, 14.2477, 31.4680



24.9961, 14.2477, 16.4716



7.1364, 14.2477, 5.3024

Square

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



24.9961, 14.2477, 16.4716



13.8726, 14.2477, 1.2621



6.2628, 14.2477, 14.5930



13.2167, 14.2477, 59.6558

Rectangle

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



24.9961, 14.2477, 16.4716



20.6973, 14.2477, 3.0091



6.2628, 14.2477, 14.5930



8.2612, 14.2477, 44.5259

Sweetspot

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



24.9965, 14.2485, 16.4718



68.4165, 61.4983, 72.2697



18.9976, 10.4263, 49.1552



14.3140, 12.5872, 14.9164



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.9965, 14.2485, 16.4718



41.6673, 21.7267, 21.0357



23.0232, 13.9713, 4.5019



9.6994, 9.6040, 10.8059



15.2061, 7.7136, 6.3792



0.6285, 0.3153, 0.4231

Inverse Universe

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



24.9965, 14.2485, 16.4718



41.6673, 21.7267, 21.0357



27.2394, 37.8290, 54.0101



9.6994, 9.6040, 10.8059



15.2061, 7.7136, 6.3792



0.6285, 0.3153, 0.4231

Previews

White Background



This preview shows how the XYZ color 24.9961, 14.2477, 16.4716 looks on a white background.

Color Contrast Check

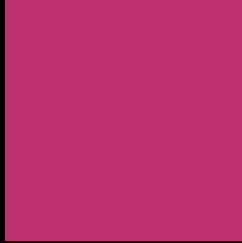
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 24.9961, 14.2477, 16.4716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

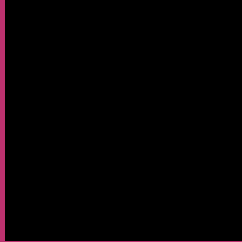
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.9961, 14.2477, 16.4716

Background



This preview shows how black text looks on a background with the XYZ color 24.9961, 14.2477, 16.4716.



This preview shows how white text looks on a background with the XYZ color 24.9961, 14.2477,

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

24.9961, 14.2477, 16.4716

Protanopia

14.8817, 14.5804, 28.8180

Deuteranopia

14.6851, 14.4819, 15.1180



Tritanopia

22.9265, 14.2660, 6.5463

Trichromacy



Original Color

24.9961, 14.2477, 16.4716

Protanomaly

16.5354, 12.8576, 23.8006

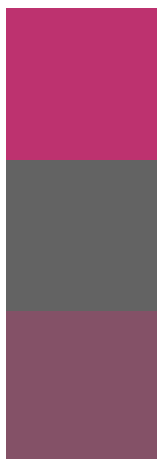
Deuteranomaly

17.1519, 13.2418, 15.5618

Tritanomaly

23.5296, 14.2001, 9.4834

Monochromacy



Original Color

24.9961, 14.2477, 16.4716

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

14.9063, 11.7697, 14.3181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9961, 14.2477, 16.4716 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(189, 50, 111)` looks like.

```
.text, #text, p{  
    color:rgb(189, 50, 111)  
}
```

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(189, 50, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 50, 111) }
```

Border

The CSS property to change the border of an element to XYZ 24.9961, 14.2477, 16.4716 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(189, 50, 111) }
```


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

```
.border{ border-color:rgb(189, 50, 111) }
```

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

Here you see how a box with a 4 pixel rgb(189, 50, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 50, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 50, 111);  
box-shadow:4px 4px 4px 4px rgb(189, 50,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9961, 14.2477, 16.4716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 50, 111) }
```

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

```
.background{ background-color: rgb(189, 50,  
111) }
```

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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