

Converting Colors

XYZ(24.4504, 15.5899, 13.4522)

Have a look what the booklet for
XYZ(24.4504, 15.5899, 13.4522)
contains.

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Color

**XYZ(24.4499, 15.5955,
13.5260)**

Conversions

Conversions Part 1

Format	Color
Hex	B94663
RGB	185, 70, 99
RGB Percent	73%, 27%, 39%
CMY	0.2745, 0.7255, 0.6118
CMYK	0.00, 0.62, 0.46, 0.27
HSL	345°, 45%, 50%
HSV	345°, 62%, 73%
XYZ	24.4499, 15.5955, 13.5260
YIQ	107.6910, 59.2310, 33.3990

Conversions

Conversions Part 2

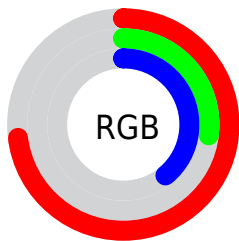
Format	Color
RYB	185, 70, 99
Decimal	12142179
CIELab	46.44, 48.86, 7.86
CIELCh	46, 49.486, 9.140
Yxy	15.5955, 0.4564, 0.2911
Android (android.graphics.Color)	4290332259 (0xFFB94663)
YUV	107.6910, -4.2847, 67.8000
Hunter-Lab	39.4911, 41.4041, 7.3365

Details

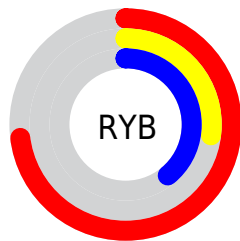
The XYZ color **24.4499, 15.5955, 13.5260** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **25.8765, 38.4007, 37.5035**, and the grayscale version is **14.1681, 14.9060, 16.2326**.

A 20% lighter version of the original color is **50.3689, 36.0298, 33.1539**, and **9.4601, 4.8993, 3.8152** is the 20% darker color. If you saturate the color by 10%, you get **22.8599, 13.3850, 10.0075**, and if you desaturate by 10%, it is **26.5105, 18.5658, 17.7608**.

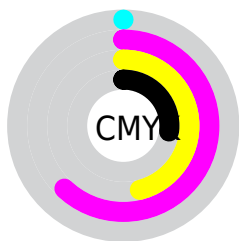
Distribution



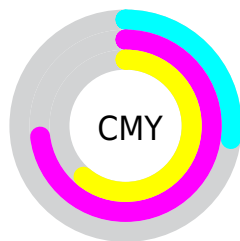
- Red (73%)
- Green (27%)
- Blue (39%)



- Red (73%)
- Yellow (27%)
- Blue (39%)



- Cyan (0%)
- Magenta (62%)
- Yellow (46%)
- Black (27%)





- Cyan (27%)
- Magenta (73%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4499, 15.5955, 13.5260 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 24.4499, 15.5955, 13.5260 by changing the saturation by 10% instead.


 24.4499, 15.5955,
13.5260


 24.4499, 15.5955,
13.5260


267.4857,
226.9429, 225.5867


 15.7942, 9.2384,
7.6568


 50.2127, 35.8945,
32.9505


 9.4686, 4.8970,
3.7915


 68.0506, 50.6052,
47.3429


 5.1076, 2.1870,
1.5117


 89.6799, 68.8692,
65.4134

 2.3459, 0.7129,
0.2266

 115.4660, 91.0710,
87.5806

 0.8180, 0.0000,
0.0000

 145.7743,
117.5948, 114.2629

 0.0000, 0.0000,
0.0000

180.9701,

148.8251, 145.8791

221.4188,
185.1464, 182.8475

■ 24.4499, 15.5955,
13.5260

■ 24.4499, 15.5955,
13.5260

■ 22.8599, 13.3850,
10.0075

■ 26.5105, 18.5658,
17.7608

■ 21.6995, 11.8616,
7.1627

■ 29.0754, 22.3549,
22.7492

■ 20.9224, 10.9425,
4.9452

■ 32.1766, 27.0187,
28.5267

■ 20.5135, 10.5166,
3.6006

■ 35.8432, 32.6075,
35.1265

■ 40.1019, 39.1677,
42.5794

■ 44.9778, 46.7428,
50.9151

■ 50.4945, 55.3735,
60.1615

■ 56.6744, 65.0982,
70.3452

■ 63.5387, 75.9534,
81.4920

Harmonies

Analogous

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



23.8516, 15.5955, 26.7584



24.4499, 15.5955, 13.5260



22.1122, 15.5955, 6.0736

Triad

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



24.4499, 15.5955, 13.5260



10.2377, 15.5955, 4.5244



12.0980, 15.5955, 49.6081

Complementary

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



24.4499, 15.5955, 13.5260



25.8765, 38.4007, 37.5035

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.



9.3427, 15.5955, 36.4658



24.4499, 15.5955, 13.5260



8.4201, 15.5955, 9.9329

Square

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



24.4499, 15.5955, 13.5260



13.5618, 15.5955, 2.7665



8.1272, 15.5955, 20.9790



16.1602, 15.5955, 52.1803

Rectangle

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



24.4499, 15.5955, 13.5260



19.4251, 15.5955, 3.7679



8.1272, 15.5955, 20.9790



11.0121, 15.5955, 46.0579

Sweetspot

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



24.4503, 15.5963, 13.5263



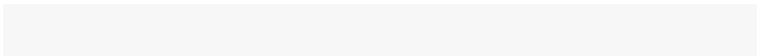
66.2570, 61.5650, 66.5546



24.3378, 14.7869, 47.4703



13.8401, 12.5914, 13.5642



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



24.4503, 15.5963, 13.5263



40.0081, 22.7218, 15.7098



25.3731, 19.2762, 8.1789



9.0950, 9.0484, 9.8479



13.9932, 7.1710, 2.5852



0.5190, 0.2631, 0.2265

Inverse Universe

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



24.4503, 15.5963, 13.5263



40.0081, 22.7218, 15.7098



23.5388, 29.3163, 50.3168



9.0950, 9.0484, 9.8479



13.9932, 7.1710, 2.5852



0.5190, 0.2631, 0.2265

Previews

White Background



This preview shows how the XYZ color 24.4499, 15.5955, 13.5260 looks on a white background.

Color Contrast Check

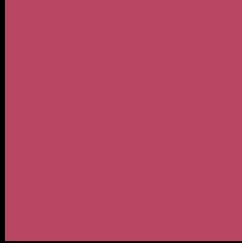
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4499, 15.5955, 13.5260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

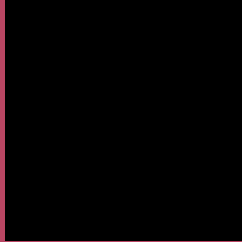
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.4499, 15.5955, 13.5260

Background



This preview shows how black text looks on a background with the XYZ color 24.4499, 15.5955, 13.5260.



This preview shows how white text looks on a background with the XYZ color 24.4499, 15.5955,

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

24.4499, 15.5955, 13.5260

Protanopia

15.4575, 15.8473, 20.3333

Deuteranopia

15.9268, 15.6282, 12.7668



Tritanopia

23.6272, 15.6524, 9.1731

Trichromacy



Original Color

24.4499, 15.5955, 13.5260

Protanomaly

17.3894, 14.6950, 17.5427

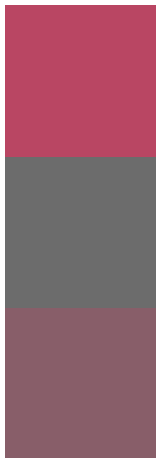
Deuteranomaly

18.2384, 14.9691, 12.9944

Tritanomaly

23.8294, 15.6273, 10.5645

Monochromacy



Original Color

24.4499, 15.5955, 13.5260

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

16.7058, 14.2596, 15.2365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4499, 15.5955, 13.5260 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(185, 70, 99)` looks like.

```
.text, #text, p{  
    color:rgb(185, 70, 99)  
}
```

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(185, 70, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 70, 99) }
```

Border

The CSS property to change the border of an element to XYZ 24.4499, 15.5955, 13.5260 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(185, 70, 99) }
```


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

```
.border{ border-color:rgb(185, 70, 99) }
```

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

Here you see how a box with a 4 pixel rgb(185, 70, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 70, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 70, 99);  
box-shadow:4px 4px 4px 4px rgb(185, 70,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4499, 15.5955, 13.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 70, 99) }
```

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

```
.background{ background-color: rgb(185, 70,  
99) }
```

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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