

Converting Colors

XYZ(24.9349, 18.5276, 14.8921)

Have a look what the booklet for
XYZ(24.9349, 18.5276, 14.8921)
contains.

XYZ(24.9914, 18.5484, 14.8334)	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(24.9914, 18.5484,
14.8334)**

Conversions

Conversions Part 1

Format	Color
Hex	B35E66
RGB	179, 94, 102
RGB Percent	70%, 37%, 40%
CMY	0.2980, 0.6314, 0.6000
CMYK	0.00, 0.47, 0.43, 0.30
HSL	354°, 36%, 54%
HSV	354°, 47%, 70%
XYZ	24.9914, 18.5484, 14.8334
YIQ	120.3270, 48.0920, 20.5080

Conversions

Conversions Part 2

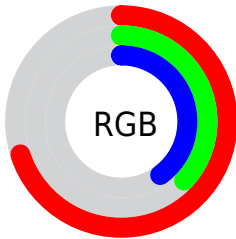
Format	Color
R_{YB}	179, 94, 102
Decimal	11755110
CIE _{Lab}	50.15, 35.17, 11.15
CIE _{LCh}	50, 36.898, 17.588
Yxy	18.5484, 0.4281, 0.3178
Android (android.graphics.Color)	4289945190 (0xFFB35E66)
YUV	120.3270, -9.0352, 51.4562
Hunter-Lab	43.0679, 28.2112, 9.7269

Details

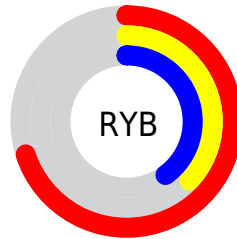
The XYZ color **24.9914, 18.5484, 14.8334** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **28.0878, 37.5606, 44.2998**, and the grayscale version is **17.9751, 18.9112, 20.5943**.

A 20% lighter version of the original color is **50.9537, 40.8622, 35.3386**, and **9.7586, 6.2882, 4.3138** is the 20% darker color. If you saturate the color by 10%, you get **22.8532, 15.4355, 10.5335**, and if you desaturate by 10%, it is **27.6570, 22.4643, 20.0856**.

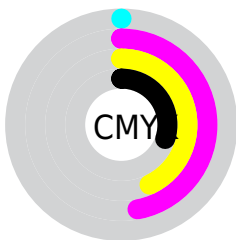
Distribution



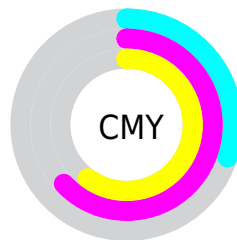
- Red (70%)
- Green (37%)
- Blue (40%)



- Red (70%)
- Yellow (37%)
- Blue (40%)



- Cyan (0%)
- Magenta (47%)
- Yellow (43%)
- Black (30%)





- Cyan (30%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.9914, 18.5484, 14.8334 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 24.9914, 18.5484, 14.8334 by changing the saturation by 10% instead.


 24.9914, 18.5484,
14.8334


 24.9914, 18.5484,
14.8334


270.1435,
243.9442, 233.9615


 16.1993, 11.3444,
8.5572


 51.0863, 40.9696,
35.2988


 9.7571, 6.2990,
4.3607


 69.1198, 56.9556,
50.3251

 5.2992, 3.0277,
1.8252

 90.9645, 76.6377,
69.1052

 2.4604, 1.1462,
0.4445

 116.9858,
100.4004, 92.0577

 0.8753, 0.0171,
0.0000

147.5490,
128.6280, 119.6010

 0.0000, 0.0000,
0.0000

183.0194,

161.7049, 152.1537

223.7625,
200.0155, 190.1344

■ 24.9914, 18.5484,
14.8334

■ 24.9914, 18.5484,
14.8334

■ 22.8532, 15.4355,
10.5335

■ 27.6570, 22.4643,
20.0856

■ 21.2057, 13.0673,
7.1278

■ 30.8805, 27.2305,
26.3414

■ 20.0103, 11.3822,
4.5532

■ 34.6916, 32.8941,
33.6497


■ 19.2212, 10.3076,
2.7380


■ 39.1175, 39.4978,
42.0560


■ 18.7739, 9.7354,
1.5952


■ 44.1840, 47.0817,
51.6031

 18.6903, 9.6237,
1.3962

 49.9150, 55.6835,
62.3312

 56.3335, 65.3388,
74.2790

 63.4611, 76.0818,
87.4832

 71.2853, 87.8777,
101.9677

Harmonies

Analogous

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



25.1938, 18.5484, 24.7085



24.9914, 18.5484, 14.8334



22.6601, 18.5484, 8.9060

Triad

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



24.9914, 18.5484, 14.8334



13.0441, 18.5484, 9.6512



16.1993, 18.5484, 46.0228

Complementary

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



24.9914, 18.5484, 14.8334



28.0878, 37.5606, 44.2998

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.



13.4050, 18.5484, 38.3989



24.9914, 18.5484, 14.8334



11.7549, 18.5484, 16.2695

Square

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



24.9914, 18.5484, 14.8334



15.6414, 18.5484, 6.6815



11.8774, 18.5484, 26.7167



19.7797, 18.5484, 45.2339

Rectangle

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



24.9914, 18.5484, 14.8334



20.3698, 18.5484, 6.9550



11.8774, 18.5484, 26.7167



15.1471, 18.5484, 44.2751

Sweetspot

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



24.9919, 18.5493, 14.8337



64.5823, 62.5642, 64.9345



28.8258, 19.8629, 44.9625



13.9478, 13.3240, 13.7000



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



24.9919, 18.5493, 14.8337



40.7683, 27.4115, 18.5370



28.3306, 25.8311, 14.0836



8.5278, 8.5178, 9.0116



13.2188, 6.8051, 1.0464



0.4265, 0.2183, 0.0886

Inverse Universe

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



24.9919, 18.5493, 14.8337



40.7683, 27.4115, 18.5370



22.8790, 25.8861, 46.4385



8.5278, 8.5178, 9.0116



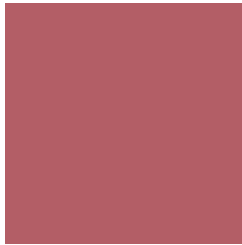
13.2188, 6.8051, 1.0464



0.4265, 0.2183, 0.0886

Previews

White Background



This preview shows how the XYZ color 24.9914, 18.5484, 14.8334 looks on a white background.

Color Contrast Check

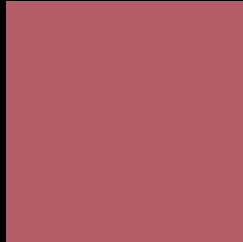
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9914, 18.5484, 14.8334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

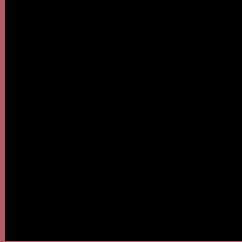
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.9914, 18.5484, 14.8334

Background



This preview shows how black text looks on a background with the XYZ color 24.9914, 18.5484, 14.8334.



This preview shows how white text looks on a background with the XYZ color 24.9914, 18.5484,

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

24.9914, 18.5484, 14.8334

Protanopia

17.8597, 18.6424, 18.8767

Deuteranopia

18.9828, 18.6323, 14.1512



Tritanopia

24.9421, 18.5287, 14.5737

Trichromacy



Original Color

24.9914, 18.5484, 14.8334

Protanomaly

19.7181, 18.1173, 17.2096

Deuteranomaly

20.8363, 18.2863, 14.2358

Tritanomaly

24.9421, 18.5287, 14.5737

Monochromacy



Original Color

24.9914, 18.5484, 14.8334

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.6496, 18.2239, 18.1047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9914, 18.5484, 14.8334 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(179, 94, 102)` looks like.

```
.text, #text, p{  
    color:rgb(179, 94, 102)  
}
```

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(179, 94, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 94, 102) }
```

Border

The CSS property to change the border of an element to XYZ 24.9914, 18.5484, 14.8334 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(179, 94, 102) }
```


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

```
.border{ border-color:rgb(179, 94, 102) }
```

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

Here you see how a box with a 4 pixel rgb(179, 94, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 94, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 94, 102);  
box-shadow:4px 4px 4px 4px rgb(179, 94,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9914, 18.5484, 14.8334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 94, 102) }
```

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

```
.background{ background-color: rgb(179, 94,  
102) }
```

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