

Converting Colors

XYZ(26.6451, 21.5716, 14.6572)

Have a look what the booklet for
XYZ(26.6451, 21.5716, 14.6572)
contains.

XYZ(26.5432, 21.5414, 14.5633)	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(26.5432, 21.5414,
14.5633)**

Conversions

Conversions Part 1

Format	Color
Hex	B46D63
RGB	180, 109, 99
RGB Percent	71%, 43%, 39%
CMY	0.2941, 0.5725, 0.6118
CMYK	0.00, 0.39, 0.45, 0.29
HSL	7°, 35%, 55%
HSV	7°, 45%, 71%
XYZ	26.5432, 21.5414, 14.5633
YIQ	129.0890, 45.5260, 11.9420

Conversions

Conversions Part 2

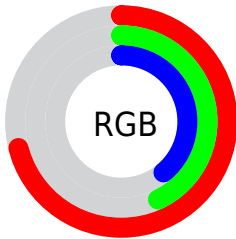
Format	Color
R_{YB}	180, 110, 99
Decimal	11824483
CIE _{Lab}	53.54, 27.09, 17.61
CIE _{LCh}	54, 32.312, 33.025
Yxy	21.5414, 0.4237, 0.3438
Android (android.graphics.Color)	4290014563 (0xFFB46D63)
YUV	129.0890, -14.8339, 44.6489
Hunter-Lab	46.4127, 20.8610, 13.8850

Details

The XYZ color **26.5432, 21.5414, 14.5633** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.7580, 34.6961, 48.4141**, and the grayscale version is **20.9371, 22.0275, 23.9879**.

A 20% lighter version of the original color is **53.5098, 45.8689, 34.8875**, and **10.5479, 7.7647, 4.1916** is the 20% darker color. If you saturate the color by 10%, you get **24.2420, 18.1662, 10.0135**, and if you desaturate by 10%, it is **29.3394, 25.5997, 20.2248**.

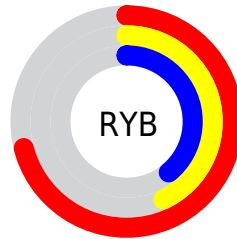
Distribution



Red (71%)

Green (43%)

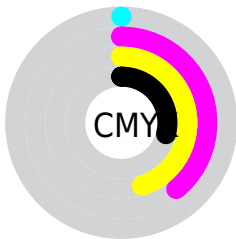
Blue (39%)



Red (71%)

Yellow (43%)

Blue (39%)

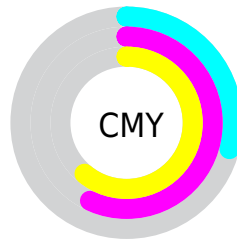


Cyan (0%)

Magenta (39%)

Yellow (45%)

Black (29%)



Cyan (29%)


Magenta (57%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5432, 21.5414, 14.5633 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 26.5432, 21.5414, 14.5633 by changing the saturation by 10% instead.

 26.5432, 21.5414,
14.5633


 26.5432, 21.5414,
14.5633

277.6466,
260.1419, 232.2565


 17.3653, 13.5203,
8.3703


 53.5751, 45.9869,
34.8166


 10.5922, 7.7878,
4.2416


 72.1597, 63.1800,
49.7140

 5.8586, 3.9595,
1.7588

 94.6106, 84.1993,
68.3500

 2.7991, 1.6509,
0.4006

 121.2931,
109.4292, 91.1430

 1.0484, 0.3916,
0.0000

152.5726,
139.2540, 118.5116

 0.0000, 0.0000,
0.0000

188.8144,

174.0581, 150.8744

230.3840,
214.2259, 188.6498

■ 26.5432, 21.5414,
14.5633

■ 26.5432, 21.5414,
14.5633

■ 24.2420, 18.1662,
10.0135

■ 29.3394, 25.5997,
20.2248

■ 22.4052, 15.4333,
6.5008

■ 32.6556, 30.3724,
27.0633

■ 21.0010, 13.3027,
3.9435


■ 36.5171, 35.8929,
35.1408


■ 19.9932, 11.7284,
2.2470


■ 40.9471, 42.1915,
44.5142


■ 19.3391, 10.6577,
1.2963

■ 45.9674, 49.2967,
55.2371

 19.1138, 10.2860,
0.9780

 51.5987, 57.2356,
67.3602

 57.8605, 66.0342,
80.9312

 64.7716, 75.7172,
95.9959

 71.3687, 85.9158,
107.4296

Harmonies

Analogous

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



27.8243, 21.5414, 22.4684



26.5432, 21.5414, 14.5633



23.6273, 21.5414, 10.2885

Triad

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



26.5432, 21.5414, 14.5633



15.1220, 21.5414, 15.8616



20.8259, 21.5414, 47.9464

Complementary

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



26.5432, 21.5414, 14.5633



27.7580, 34.6961, 48.4141

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.



17.6153, 21.5414, 44.7400



26.5432, 21.5414, 14.5633



14.5483, 21.5414, 24.4699

Square

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



26.5432, 21.5414, 14.5633



17.0735, 21.5414, 10.8772



15.4093, 21.5414, 35.3827



24.2995, 21.5414, 43.2184

Rectangle

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



26.5432, 21.5414, 14.5633



21.2892, 21.5414, 9.2179



15.4093, 21.5414, 35.3827



19.6808, 21.5414, 47.7631

Sweetspot

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



26.5437, 21.5425, 14.5637



67.5642, 67.0064, 66.5634



30.5922, 21.5503, 40.8509



14.2454, 13.9729, 13.6336



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.



26.5437, 21.5425, 14.5637



43.9842, 32.9809, 18.2117



31.8142, 32.0834, 16.3205



8.5781, 8.6688, 8.8737



13.3680, 7.2345, 0.6918



0.4475, 0.2815, 0.0307

Inverse Universe

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



27.7580, 34.6961, 48.4141



46.4313, 59.7969, 87.3894



21.3733, 21.9267, 46.2859



8.6513, 9.4489, 10.8742



14.2892, 19.3788, 33.1243



0.4746, 0.6597, 1.0506

Previews

White Background



This preview shows how the XYZ color 26.5432, 21.5414, 14.5633 looks on a white background.

Color Contrast Check

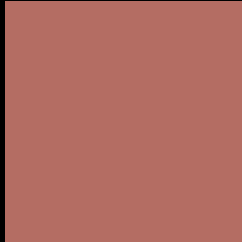
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5432, 21.5414, 14.5633 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 26.5432, 21.5414, 14.5633

Background



This preview shows how black text looks on a background with the XYZ color 26.5432, 21.5414, 14.5633.



This preview shows how white text looks on a background with the XYZ color 26.5432, 21.5414,

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

26.5432, 21.5414, 14.5633

Protanopia

20.4176, 21.6719, 17.2943

Deuteranopia

21.9568, 21.5898, 14.0763



Tritanopia

27.4083, 21.5770, 18.9399

Trichromacy



Original Color

26.5432, 21.5414, 14.5633

Protanomaly

22.1497, 21.2740, 16.3035

Deuteranomaly

23.5364, 21.5013, 14.2189

Tritanomaly

27.1789, 21.6530, 17.2150

Monochromacy



Original Color

26.5432, 21.5414, 14.5633

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.4423, 21.5230, 20.1111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5432, 21.5414, 14.5633 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(180, 109, 99)` looks like.

```
.text, #text, p{  
    color:rgb(180, 109, 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(180, 109, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 109, 99) }
```

Border

The CSS property to change the border of an element to XYZ 26.5432, 21.5414, 14.5633 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(180, 109, 99) }
```


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

```
.border{ border-color:rgb(180, 109, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 109, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 109, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 109, 99);  
box-shadow:4px 4px 4px 4px rgb(180, 109,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5432, 21.5414, 14.5633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 109, 99) }
```

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

```
.background{ background-color: rgb(180,  
109, 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](#).

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