

Converting Colors

XYZ(21.3799, 15.4977, 14.6889)

Have a look what the booklet for
XYZ(21.3799, 15.4977, 14.6889)
contains.

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Color

**XYZ(21.3444, 15.4269,
14.6847)**

Conversions

Conversions Part 1

Format	Color
Hex	A65467
RGB	166, 84, 103
RGB Percent	65%, 33%, 40%
CMY	0.3490, 0.6706, 0.5961
CMYK	0.00, 0.49, 0.38, 0.35
HSL	346°, 33%, 49%
HSV	346°, 49%, 65%
XYZ	21.3444, 15.4269, 14.6847
YIQ	110.6840, 42.7730, 23.2930

Conversions

Conversions Part 2

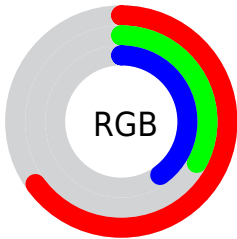
Format	Color
R_{YB}	166, 84, 103
Decimal	10900583
CIE Lab	46.21, 35.75, 4.70
CIE LCh	46, 36.061, 7.489
Yxy	15.4269, 0.4148, 0.2998
Android (android.graphics.Color)	4289090663 (0xFFA65467)
YUV	110.6840, -3.7882, 48.5121
Hunter-Lab	39.2771, 28.2676, 5.3270

Details

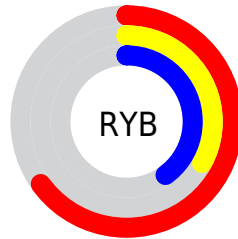
The XYZ color **21.3444, 15.4269, 14.6847** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.5596, 31.2642, 32.4511**, and the grayscale version is **15.0203, 15.8025, 17.2090**.

A 20% lighter version of the original color is **45.0683, 35.6294, 35.0736**, and **7.8414, 4.8091, 4.2563** is the 20% darker color. If you saturate the color by 10%, you get **19.6132, 12.9120, 11.1865**, and if you desaturate by 10%, it is **23.4794, 18.5931, 18.7997**.

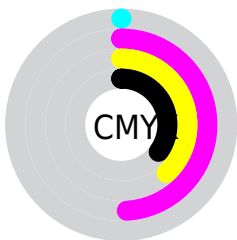
Distribution



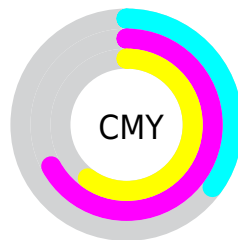
- Red (65%)
- Green (33%)
- Blue (40%)



- Red (65%)
- Yellow (33%)
- Blue (40%)



- Cyan (0%)
- Magenta (49%)
- Yellow (38%)
- Black (35%)



- Cyan (35%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3444, 15.4269, 14.6847 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 21.3444, 15.4269, 14.6847 by changing the saturation by 10% instead.

■ 21.3444, 15.4269,
14.6847

■ 21.3444, 15.4269,
14.6847

251.8004,
225.9358, 233.0244

■ 13.4899, 9.1195,
8.4542

■ 45.1470, 35.6004,
35.0335

■ 7.8460, 4.8192,
4.2950

■ 61.8257, 50.2353,
49.9890

■ 4.0476, 2.1416,
1.7886

■ 82.1766, 68.4148,
68.6899

■ 1.7291, 0.6879,
0.4204

■ 106.5650, 90.5234,
91.5547

■ 0.4744, 0.0000,
0.0000

■ 135.3562,
116.9453, 119.0020

■ 0.0000, 0.0000,
0.0000

168.9156,

148.0651, 151.4504

207.6085,
184.2672, 189.3184

■ 21.3444, 15.4269,
14.6847

■ 21.3444, 15.4269,
14.6847

■ 19.6132, 12.9120,
11.1865

■ 23.4794, 18.5931,
18.7997

■ 18.2582, 11.0004,
8.2736

■ 26.0410, 22.4493,
23.5589

■ 17.2504, 9.6414,
5.9131


■ 29.0514, 27.0342,
28.9892


■ 16.5553, 8.7747,
4.0680


■ 32.5312, 32.3828,
35.1156


■ 16.1068, 8.2768,
2.6881


■ 36.4995, 38.5278,
41.9617

 16.0832, 8.2499,
2.6174

 40.9745, 45.5001,
49.5503

 45.9732, 53.3287,
57.9028

 51.5122, 62.0416,
67.0400

 57.6069, 71.6653,
76.9817

Harmonies

Analogous

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



20.8344, 15.4269, 24.1542



21.3444, 15.4269, 14.6847



19.8751, 15.4269, 8.4526

Triad

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



21.3444, 15.4269, 14.6847



11.3493, 15.4269, 6.6219



12.5126, 15.4269, 37.8112

Complementary

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



21.3444, 15.4269, 14.6847



22.5596, 31.2642, 32.4511

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.



10.4521, 15.4269, 29.3611



21.3444, 15.4269, 14.6847



9.8489, 15.4269, 11.1101

Square

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



21.3444, 15.4269, 14.6847



13.9053, 15.4269, 4.9773



9.5451, 15.4269, 19.1033



15.4473, 15.4269, 39.8146

Rectangle

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



21.3444, 15.4269, 14.6847



18.0774, 15.4269, 6.1785



9.5451, 15.4269, 19.1033



11.7077, 15.4269, 35.5163

Sweetspot

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



21.3448, 15.4277, 14.6850



55.2198, 52.8887, 57.0336



22.0626, 15.2854, 37.8640



12.0780, 11.4071, 12.2695



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



21.3448, 15.4277, 14.6850



35.4018, 23.1559, 19.8975



22.4670, 19.0285, 10.8772



7.5997, 7.5697, 8.2091



12.4872, 6.4036, 2.1113



0.3226, 0.1633, 0.1502

Inverse Universe

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



21.3448, 15.4277, 14.6850



35.4018, 23.1559, 19.8975



20.5332, 24.6256, 39.7474



7.5997, 7.5697, 8.2091



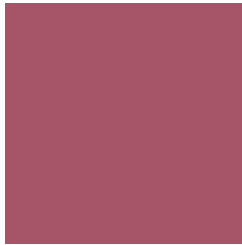
12.4872, 6.4036, 2.1113



0.3226, 0.1633, 0.1502

Previews

White Background



This preview shows how the XYZ color 21.3444, 15.4269, 14.6847 looks on a white background.

Color Contrast Check

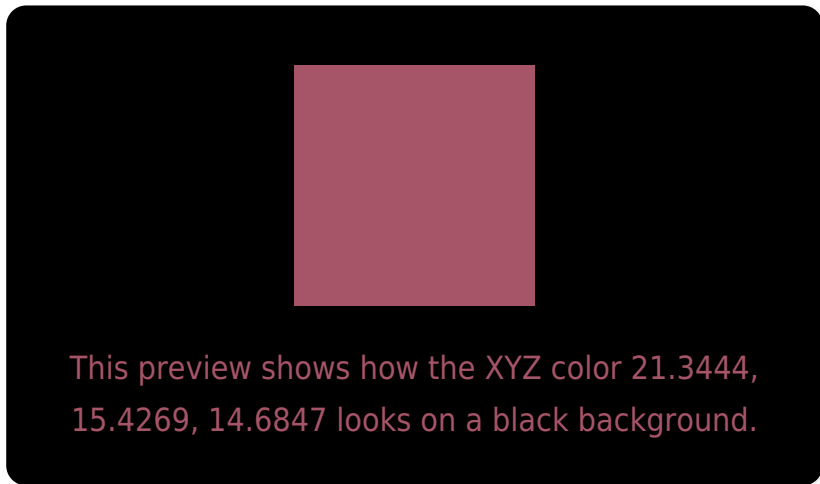
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 21.3444, 15.4269, 14.6847

Background



This preview shows how black text looks on a background with the XYZ color 21.3444, 15.4269, 14.6847.



This preview shows how white text looks on a background with the XYZ color 21.3444, 15.4269,

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

21.3444, 15.4269, 14.6847

Protanopia

15.1099, 15.5366, 19.0321

Deuteranopia

15.8636, 15.5689, 13.9734



Tritanopia

20.7766, 15.4276, 12.0080

Trichromacy



Original Color

21.3444, 15.4269, 14.6847

Protanomaly

16.6877, 15.0300, 17.3508

Deuteranomaly

17.4831, 15.2309, 14.0750

Tritanomaly

20.8769, 15.3409, 12.9271

Monochromacy



Original Color

21.3444, 15.4269, 14.6847

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.7205, 15.2154, 16.2429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3444, 15.4269, 14.6847 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(166, 84, 103)` looks like.

```
.text, #text, p{  
    color:rgb(166, 84, 103)  
}
```

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(166, 84, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 84, 103) }
```

Border

The CSS property to change the border of an element to XYZ 21.3444, 15.4269, 14.6847 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(166, 84, 103) }
```


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

```
.border{ border-color:rgb(166, 84, 103) }
```

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

Here you see how a box with a 4 pixel rgb(166, 84, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 84, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 84, 103);  
box-shadow:4px 4px 4px 4px rgb(166, 84,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3444, 15.4269, 14.6847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 84, 103) }
```

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

```
.background{ background-color: rgb(166, 84,  
103) }
```

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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