

Converting Colors

XYZ(21.0598, 13.6957, 15.5185)

Have a look what the booklet for
XYZ(21.0598, 13.6957, 15.5185)
contains.

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Color

**XYZ(21.1441, 13.7528,
15.4501)**

Conversions

Conversions Part 1

Format	Color
Hex	A9456B
RGB	169, 69, 107
RGB Percent	66%, 27%, 42%
CMY	0.3373, 0.7294, 0.5804
CMYK	0.00, 0.59, 0.37, 0.34
HSL	337°, 42%, 47%
HSV	337°, 59%, 66%
XYZ	21.1441, 13.7528, 15.4501
YIQ	103.2320, 47.4020, 33.0180

Conversions

Conversions Part 2

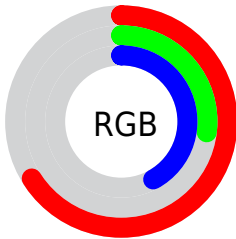
Format	Color
R_{YB}	169, 69, 107
Decimal	11093355
CIE _{Lab}	43.88, 44.87, -1.08
CIE _{LCh}	44, 44.887, 358.619
Yxy	13.7528, 0.4200, 0.2732
Android (android.graphics.Color)	4289283435 (0xFFA9456B)
YUV	103.2320, 1.8576, 57.6785
Hunter-Lab	37.0848, 36.8745, 1.2582

Details

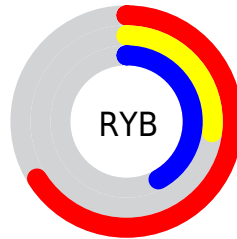
The XYZ color **21.1441, 13.7528, 15.4501** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **20.7397, 31.2801, 26.4191**, and the grayscale version is **12.9405, 13.6144, 14.8261**.

A 20% lighter version of the original color is **44.8096, 32.7186, 36.3013**, and **7.7342, 4.0540, 4.6498** is the 20% darker color. If you saturate the color by 10%, you get **19.7303, 11.7546, 12.4218**, and if you desaturate by 10%, it is **22.9215, 16.3712, 18.9296**.

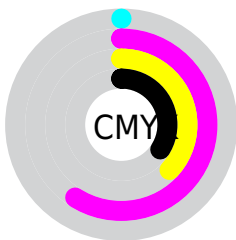
Distribution



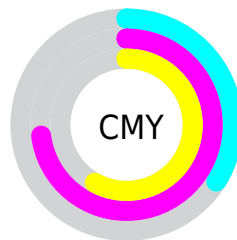
- Red (66%)
- Green (27%)
- Blue (42%)



- Red (66%)
- Yellow (27%)
- Blue (42%)



- Cyan (0%)
- Magenta (59%)
- Yellow (37%)
- Black (34%)





- Cyan (34%)
- Magenta (73%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1441, 13.7528, 15.4501 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 21.1441, 13.7528, 15.4501 by changing the saturation by 10% instead.


 21.1441, 13.7528,
15.4501


 21.1441, 13.7528,
15.4501


250.7606,
215.6875, 237.8085


 13.3424, 7.9489,
8.9858


 44.8167, 32.6498,
36.3943


 7.7434, 4.0623,
4.6352


 61.4184, 46.5116,
51.7112


 3.9816, 1.7085,
1.9799

 81.6840, 63.8283,
70.8161

 1.6917, 0.4291,
0.5429

 105.9791, 84.9842,
94.1274

 0.4511, 0.0000,
0.0000

 134.6690,
110.3637, 122.0638

 0.0000, 0.0000,
0.0000

168.1189,

140.3511, 155.0438

206.6943,
175.3309, 193.4858

■ 21.1441, 13.7528,
15.4501

■ 21.1441, 13.7528,
15.4501

■ 19.7303, 11.7546,
12.4218

■ 22.9215, 16.3712,
18.9296

■ 18.6507, 10.3218,
9.8226

■ 25.0866, 19.6543,
22.8789

■ 17.8729, 9.3934,
7.6296

■ 27.6624, 23.6449,
27.3166

■ 17.3340, 8.8482,
5.8085

■ 30.6698, 28.3817,
32.2598

■ 17.2937, 8.8076,
5.6712

■ 34.1285, 33.9003,
37.7246

■ 38.0566, 40.2342,
43.7267

■ 42.4713, 47.4151,
50.2808

■ 47.3890, 55.4726,
57.4009

■ 52.8253, 64.4352,
65.1009

Harmonies

Analogous

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



19.8016, 13.7528, 27.6223



21.1441, 13.7528, 15.4501



20.0192, 13.7528, 7.4318

Triad

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



21.1441, 13.7528, 15.4501



10.0694, 13.7528, 3.5399



9.8321, 13.7528, 38.6059

Complementary

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



21.1441, 13.7528, 15.4501



20.7397, 31.2801, 26.4191

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.



7.9522, 13.7528, 26.4141



21.1441, 13.7528, 15.4501



8.0708, 13.7528, 6.9324

Square

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



21.1441, 13.7528, 15.4501



13.2367, 13.7528, 2.7055



7.3701, 13.7528, 14.5087



12.9080, 13.7528, 44.2192

Rectangle

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



21.1441, 13.7528, 15.4501



18.1185, 13.7528, 4.5799



7.3701, 13.7528, 14.5087



9.0615, 13.7528, 34.9319

Sweetspot

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



21.1445, 13.7535, 15.4503



55.4205, 51.6112, 58.5670



18.5987, 11.9204, 38.8566



11.7287, 10.6935, 12.1993



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.



21.1445, 13.7535, 15.4503



34.6746, 20.1522, 20.7223



20.3546, 14.7009, 7.3960



7.6446, 7.5877, 8.4459



12.9133, 6.5740, 4.3551



0.3392, 0.1699, 0.2375

Inverse Universe

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



21.1445, 13.7535, 15.4503



34.6746, 20.1522, 20.7223



21.7296, 28.3570, 41.8641



7.6446, 7.5877, 8.4459



12.9133, 6.5740, 4.3551



0.3392, 0.1699, 0.2375

Previews

White Background



This preview shows how the XYZ color 21.1441, 13.7528, 15.4501 looks on a white background.

Color Contrast Check

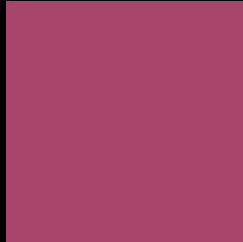
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1441, 13.7528, 15.4501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

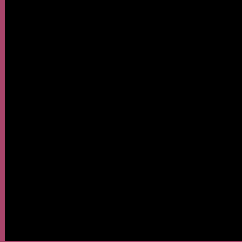
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.1441, 13.7528, 15.4501

Background



This preview shows how black text looks on a background with the XYZ color 21.1441, 13.7528, 15.4501.



This preview shows how white text looks on a background with the XYZ color 21.1441, 13.7528,

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

21.1441, 13.7528, 15.4501

Protanopia

13.8921, 13.9117, 22.3751

Deuteranopia

14.1222, 13.9115, 14.5112



Tritanopia

19.9004, 13.8268, 9.2094

Trichromacy



Original Color

21.1441, 13.7528, 15.4501

Protanomaly

15.4434, 13.1233, 19.4884

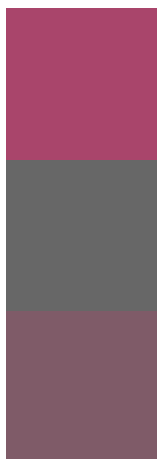
Deuteranomaly

16.0627, 13.2951, 14.8163

Tritanomaly

20.3765, 13.8281, 11.2680

Monochromacy



Original Color

21.1441, 13.7528, 15.4501

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

14.9922, 12.9937, 14.8146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1441, 13.7528, 15.4501 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(169, 69, 107)` looks like.

```
.text, #text, p{  
    color:rgb(169, 69, 107)  
}
```

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(169, 69, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 69, 107) }
```

Border

The CSS property to change the border of an element to XYZ 21.1441, 13.7528, 15.4501 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(169, 69, 107) }
```


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

```
.border{ border-color:rgb(169, 69, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 69, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 69, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 69, 107); box-shadow:4px 4px 4px 4px rgb(169, 69, 107) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1441, 13.7528, 15.4501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 69, 107) }
```

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

```
.background{ background-color: rgb(169, 69,  
107) }
```

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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