

Converting Colors

XYZ(21.5244, 15.2918, 17.2922)

Have a look what the booklet for
XYZ(21.5244, 15.2918, 17.2922)
contains.

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Color

**XYZ(21.5349, 15.3557,
17.1582)**

Conversions

Conversions Part 1

Format	Color
Hex	A55370
RGB	165, 83, 112
RGB Percent	65%, 33%, 44%
CMY	0.3529, 0.6745, 0.5608
CMYK	0.00, 0.50, 0.32, 0.35
HSL	339°, 33%, 49%
HSV	339°, 50%, 65%
XYZ	21.5349, 15.3557, 17.1582
YIQ	110.8240, 39.5630, 26.4030

Conversions

Conversions Part 2

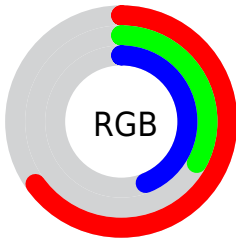
Format	Color
R_{YB}	165, 83, 112
Decimal	10834800
CIE Lab	46.12, 37.07, -0.93
CIE LCh	46, 37.080, 358.566
Yxy	15.3557, 0.3984, 0.2841
Android (android.graphics.Color)	4289024880 (0xFFA55370)
YUV	110.8240, 0.5798, 47.5124
Hunter-Lab	39.1863, 29.5188, 1.4696

Details

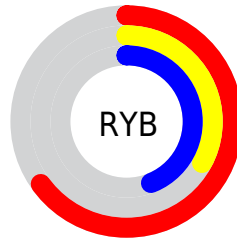
The XYZ color **21.5349, 15.3557, 17.1582** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **21.4671, 30.5271, 28.0550**, and the grayscale version is **15.0493, 15.8330, 17.2421**.

A 20% lighter version of the original color is **45.4890, 35.5379, 39.5839**, and **7.8997, 4.7729, 5.3554** is the 20% darker color. If you saturate the color by 10%, you get **19.8603, 12.9012, 13.8417**, and if you desaturate by 10%, it is **23.5811, 18.4407, 20.9459**.

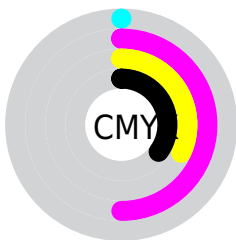
Distribution



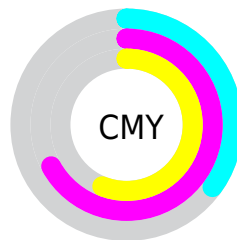
- Red (65%)
- Green (33%)
- Blue (44%)



- Red (65%)
- Yellow (33%)
- Blue (44%)



- Cyan (0%)
- Magenta (50%)
- Yellow (32%)
- Black (35%)





- Cyan (35%)
- Magenta (67%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.5349, 15.3557, 17.1582 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 21.5349, 15.3557, 17.1582 by changing the saturation by 10% instead.


 21.5349, 15.3557,
17.1582

 21.5349, 15.3557,
17.1582


252.7860,
225.5092, 248.1571

 13.6302, 9.0694,
10.1842


 45.4607, 35.4760,
39.3919


 7.9439, 4.7865,
5.4141


 62.2125, 50.0788,
55.4888

 4.1106, 2.1225,
2.4292


 82.6441, 68.2225,
75.4636

 1.7649, 0.6773,
0.8023

 107.1208, 90.2916,
99.7350

 0.4964, 0.0000,
0.0000

 136.0080,
116.6704, 128.7216

 0.0000, 0.0000,
0.0000

169.6710,

147.7433, 162.8417

208.4752,
183.8948, 202.5141

■ 21.5349, 15.3557,
17.1582

■ 21.5349, 15.3557,
17.1582

■ 19.8603, 12.9012,
13.8417

■ 23.5811, 18.4407,
20.9459

■ 18.5320, 11.0306,
10.9755

■ 26.0195, 22.1939,
25.2228

■ 17.5232, 9.6945,
8.5381

■ 28.8707, 26.6526,
30.0068


■ 16.8023, 8.8343,
6.5054


■ 32.1532, 31.8510,
35.3146


■ 16.3035, 8.3227,
4.8408


■ 35.8847, 37.8206,
41.1620

 16.2896, 8.3084,
4.7948

 40.0816, 44.5915,
47.5644

 44.7596, 52.1919,
54.5361

 49.9337, 60.6487,
62.0914

 55.6180, 69.9876,
70.2436

Harmonies

Analogous

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



20.4044, 15.3557, 27.5102



21.5349, 15.3557, 17.1582



20.5947, 15.3557, 9.7147

Triad

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



21.5349, 15.3557, 17.1582



11.8834, 15.3557, 5.6354



11.6557, 15.3557, 36.3453

Complementary

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



21.5349, 15.3557, 17.1582



21.4671, 30.5271, 28.0550

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.



9.8910, 15.3557, 26.4742



21.5349, 15.3557, 17.1582



10.0086, 15.3557, 9.1999

Square

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



21.5349, 15.3557, 17.1582



14.7474, 15.3557, 4.6746



9.3338, 15.3557, 16.2888



14.4439, 15.3557, 40.7822

Rectangle

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



21.5349, 15.3557, 17.1582



18.9868, 15.3557, 6.7872



9.3338, 15.3557, 16.2888



10.9389, 15.3557, 33.4112

Sweetspot

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



21.5353, 15.3565, 17.1585



54.2062, 51.6804, 57.8235



19.8664, 14.0494, 37.2620



11.5998, 10.9019, 12.2336



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



21.5353, 15.3565, 17.1585



35.1977, 22.5730, 24.0202



21.0757, 16.6183, 10.2815



7.1724, 7.1254, 7.8943



12.3452, 6.2941, 3.7426



0.2812, 0.1410, 0.1937

Inverse Universe

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



21.5353, 15.3565, 17.1585



35.1977, 22.5730, 24.0202



21.9259, 27.6892, 39.7862



7.1724, 7.1254, 7.8943



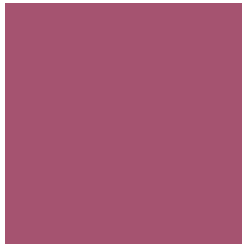
12.3452, 6.2941, 3.7426



0.2812, 0.1410, 0.1937

Previews

White Background



This preview shows how the XYZ color 21.5349, 15.3557, 17.1582 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

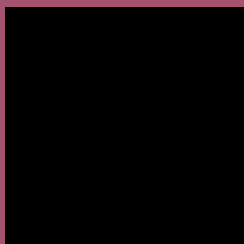
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.5349, 15.3557, 17.1582

Background



This preview shows how black text looks on a background with the XYZ color 21.5349, 15.3557, 17.1582.



This preview shows how white text looks on a background with the XYZ color 21.5349, 15.3557,

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

21.5349, 15.3557, 17.1582

Protanopia

15.3088, 15.5600, 22.6186

Deuteranopia

15.7460, 15.4557, 16.3407



Tritanopia

20.4882, 15.3932, 12.2473

Trichromacy



Original Color

21.5349, 15.3557, 17.1582

Protanomaly

16.8224, 15.0315, 20.4271

Deuteranomaly

17.4445, 15.1579, 16.4743

Tritanomaly

20.9379, 15.4682, 13.9387

Monochromacy



Original Color

21.5349, 15.3557, 17.1582

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.8830, 15.2804, 17.0985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5349, 15.3557, 17.1582 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(165, 83, 112)` looks like.

```
.text, #text, p{  
    color:rgb(165, 83, 112)  
}
```

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(165, 83, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 83, 112) }
```

Border

The CSS property to change the border of an element to XYZ 21.5349, 15.3557, 17.1582 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(165, 83, 112) }
```


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

```
.border{ border-color:rgb(165, 83, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 83, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 83, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 83, 112);  
box-shadow:4px 4px 4px 4px rgb(165, 83,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5349, 15.3557, 17.1582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 83, 112) }
```

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

```
.background{ background-color: rgb(165, 83,  
112) }
```

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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