

Converting Colors

XYZ(21.4029, 16.7945, 17.4974)

Have a look what the booklet for
XYZ(21.4029, 16.7945, 17.4974)
contains.

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Color

**XYZ(21.3149, 16.7252,
17.4341)**

Conversions

Conversions Part 1

Format	Color
Hex	9F5F70
RGB	159, 95, 112
RGB Percent	62%, 37%, 44%
CMY	0.3765, 0.6274, 0.5608
CMYK	0.00, 0.40, 0.30, 0.38
HSL	344°, 25%, 50%
HSV	344°, 40%, 62%
XYZ	21.3149, 16.7252, 17.4341
YIQ	116.0740, 32.6870, 18.8550

Conversions

Conversions Part 2

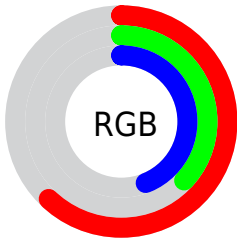
Format	Color
R_{YB}	159, 95, 112
Decimal	10444656
CIE _{Lab}	47.91, 28.29, 1.59
CIE _{LCh}	48, 28.337, 3.216
Yxy	16.7252, 0.3842, 0.3015
Android (android.graphics.Color)	4288634736 (0xFF9F5F70)
YUV	116.0740, -2.0085, 37.6461
Hunter-Lab	40.8965, 21.4640, 3.3523

Details

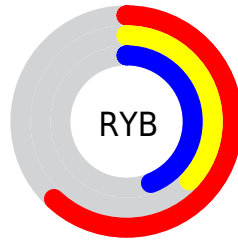
The XYZ color **21.3149, 16.7252, 17.4341** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.0007, 29.1825, 30.0659**, and the grayscale version is **16.6225, 17.4882, 19.0446**.

A 20% lighter version of the original color is **45.1589, 37.9948, 40.0756**, and **7.8858, 5.4674, 5.4902** is the 20% darker color. If you saturate the color by 10%, you get **19.4175, 13.9043, 13.7992**, and if you desaturate by 10%, it is **23.5898, 20.1661, 21.6113**.

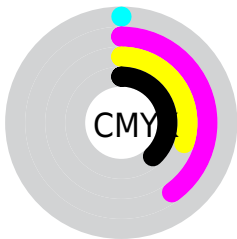
Distribution



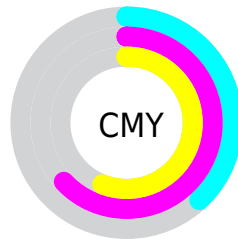
- Red (62%)
- Green (37%)
- Blue (44%)



- Red (62%)
- Yellow (37%)
- Blue (44%)



- Cyan (0%)
- Magenta (40%)
- Yellow (30%)
- Black (38%)





- Cyan (38%)
- Magenta (63%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3149, 16.7252, 17.4341 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 21.3149, 16.7252, 17.4341 by changing the saturation by 10% instead.


 21.3149, 16.7252,
17.4341


 21.3149, 16.7252,
17.4341


251.6475,
233.5838, 249.7898


 13.4681, 10.0388,
10.3793


 45.0984, 37.8527,
39.8715


 7.8309, 5.4247,
5.5423


 61.7658, 53.0625,
56.0911

 4.0378, 2.4985,
2.5046

 82.1042, 71.8823,
76.2027

 1.7236, 0.8759,
0.8426

 106.4788, 94.6964,
100.6249

 0.4709, 0.0000,
0.0000

135.2551,
121.8892, 129.7761

 0.0000, 0.0000,
0.0000

168.7984,

153.8451, 164.0750

207.4741,
190.9485, 203.9400

■ 21.3149, 16.7252,
17.4341

■ 21.3149, 16.7252,
17.4341

■ 19.4175, 13.9043,
13.7992

■ 23.5898, 20.1661,
21.6113

■ 17.8753, 11.6640,
10.6827

■ 26.2604, 24.2585,
26.3512

■ 16.6653, 9.9638,
8.0603


■ 29.3452, 29.0348,
31.6747


■ 15.7613, 8.7572,
5.9051


■ 32.8611, 34.5245,
37.6008


■ 15.1330, 7.9897,
4.1873


■ 36.8241, 40.7553,
44.1480

 14.7201, 7.5397,
2.8914

 41.2494, 47.7533,
51.3338

 46.1513, 55.5437,
59.1752

 51.5437, 64.1502,
67.6883

 57.4399, 73.5956,
76.8888

Harmonies

Analogous

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



20.6905, 16.7252, 25.3039



21.3149, 16.7252, 17.4341



20.3642, 16.7252, 11.5481

Triad

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



21.3149, 16.7252, 17.4341



13.3581, 16.7252, 8.8045



13.7871, 16.7252, 33.8523

Complementary

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



21.3149, 16.7252, 17.4341



22.0007, 29.1825, 30.0659

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.



12.1358, 16.7252, 27.0420



21.3149, 16.7252, 17.4341



11.9074, 16.7252, 12.5852

Square

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



21.3149, 16.7252, 17.4341



15.6232, 16.7252, 7.4771



11.4847, 16.7252, 19.0104



16.1736, 16.7252, 36.1477

Rectangle

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



21.3149, 16.7252, 17.4341



19.0189, 16.7252, 9.1172



11.4847, 16.7252, 19.0104



13.1365, 16.7252, 31.9394

Sweetspot

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



21.3154, 16.7260, 17.4344



51.4008, 50.2058, 54.7548



21.4947, 16.4334, 34.8400



11.4332, 11.0783, 12.0785



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.3154, 16.7260, 17.4344



35.1915, 25.5148, 25.5283



21.9330, 19.3354, 13.4036



6.7018, 6.6736, 7.2808



11.6417, 5.9613, 2.3645



0.2242, 0.1130, 0.1267

Inverse Universe

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



21.3154, 16.7260, 17.4344



35.1915, 25.5148, 25.5283



20.9613, 24.9034, 36.5030



6.7018, 6.6736, 7.2808



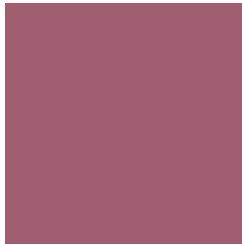
11.6417, 5.9613, 2.3645



0.2242, 0.1130, 0.1267

Previews

White Background



This preview shows how the XYZ color 21.3149, 16.7252, 17.4341 looks on a white background.

Color Contrast Check

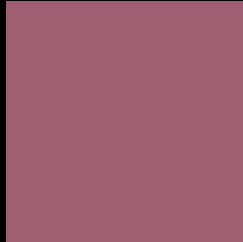
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3149, 16.7252, 17.4341 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 21.3149, 16.7252, 17.4341

Background



This preview shows how black text looks on a background with the XYZ color 21.3149, 16.7252, 17.4341.



This preview shows how white text looks on a background with the XYZ color 21.3149, 16.7252,

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

21.3149, 16.7252, 17.4341

Protanopia

16.4197, 16.8177, 21.1196

Deuteranopia

17.0886, 16.7680, 16.8039



Tritanopia

20.7821, 16.6343, 15.2121

Trichromacy



Original Color

21.3149, 16.7252, 17.4341

Protanomaly

17.6897, 16.3858, 19.6832

Deuteranomaly

18.5135, 16.7179, 17.0030

Tritanomaly

20.9373, 16.6964, 16.0291

Monochromacy



Original Color

21.3149, 16.7252, 17.4341

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.9728, 16.8685, 18.5283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3149, 16.7252, 17.4341 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(159, 95, 112)` looks like.

```
.text, #text, p{  
    color:rgb(159, 95, 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(159, 95, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 95, 112) }
```

Border

The CSS property to change the border of an element to XYZ 21.3149, 16.7252, 17.4341 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(159, 95, 112) }
```


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

```
.border{ border-color:rgb(159, 95, 112) }
```

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

Here you see how a box with a 4 pixel rgb(159, 95, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 95, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 95, 112);  
box-shadow:4px 4px 4px 4px rgb(159, 95,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3149, 16.7252, 17.4341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 95, 112) }
```

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

```
.background{ background-color: rgb(159, 95,  
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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