

Converting Colors

XYZ(21.2092, 15.3121, 17.7320)

Have a look what the booklet for
XYZ(21.2092, 15.3121, 17.7320)
contains.

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Color

**XYZ(21.1079, 15.2369,
17.7481)**

Conversions

Conversions Part 1

Format	Color
Hex	A25472
RGB	162, 84, 114
RGB Percent	64%, 33%, 45%
CMY	0.3647, 0.6706, 0.5529
CMYK	0.00, 0.48, 0.30, 0.36
HSL	337°, 32%, 48%
HSV	337°, 48%, 64%
XYZ	21.1079, 15.2369, 17.7481
YIQ	110.7420, 36.8580, 25.8660

Conversions

Conversions Part 2

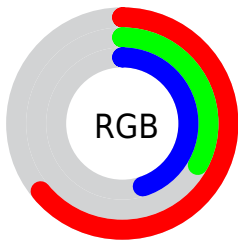
Format	Color
R_{YB}	162, 84, 114
Decimal	10638450
CIE Lab	45.96, 35.73, -2.43
CIE LCh	46, 35.815, 356.111
Yxy	15.2369, 0.3902, 0.2817
Android (android.graphics.Color)	4288828530 (0xFFA25472)
YUV	110.7420, 1.6062, 44.9533
Hunter-Lab	39.0345, 28.2136, 0.3663

Details

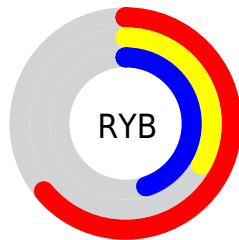
The XYZ color **21.1079, 15.2369, 17.7481** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **20.7421, 29.3919, 26.4112**, and the grayscale version is **15.0231, 15.8055, 17.2122**.

A 20% lighter version of the original color is **44.9005, 35.4216, 40.5469**, and **7.7397, 4.7255, 5.6584** is the 20% darker color. If you saturate the color by 10%, you get **19.4559, 12.7921, 14.5486**, and if you desaturate by 10%, it is **23.1134, 18.2895, 21.3710**.

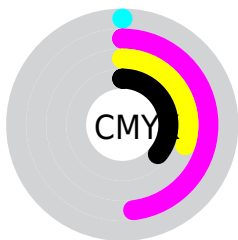
Distribution



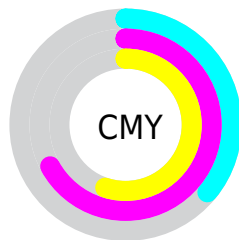
- Red (64%)
- Green (33%)
- Blue (45%)



- Red (64%)
- Yellow (33%)
- Blue (45%)



- Cyan (0%)
- Magenta (48%)
- Yellow (30%)
- Black (36%)





- Cyan (36%)
- Magenta (67%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.1079, 15.2369, 17.7481 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 21.1079, 15.2369, 17.7481 by changing the saturation by 10% instead.


 21.1079, 15.2369,
17.7481


 21.1079, 15.2369,
17.7481


250.5722,
224.7957, 251.6356


 13.3158, 8.9858,
10.6017


 44.7570, 35.2682,
40.4157


 7.7249, 4.7319,
5.6889


 61.3446, 49.8173,
56.7741


 3.9697, 2.0909,
2.5912

 81.5949, 67.9011,
77.0402

 1.6850, 0.6595,
0.8879

 105.8731, 89.9041,
101.6326

 0.4469, 0.0000,
0.0000

 134.5446,
116.2107, 130.9697

 0.0000, 0.0000,
0.0000

167.9747,

147.2052, 165.4703

206.5288,
183.2720, 205.5527

■ 21.1079, 15.2369,
17.7481

■ 21.1079, 15.2369,
17.7481

■ 19.4559, 12.7921,
14.5486

■ 23.1134, 18.2895,
21.3710

■ 18.1339, 10.9115,
11.7544

■ 25.4914, 21.9852,
25.4324

■ 17.1172, 9.5489,
9.3472

■ 28.2610, 26.3592,
29.9477

■ 16.3769, 8.6502,
7.3066

■ 31.4396, 31.4436,
34.9314

■ 15.8627, 8.1185,
5.6042

■ 35.0435, 37.2682,
40.3971

■ 15.7782, 8.0326,
5.3200

■ 39.0882, 43.8613,
46.3578

■ 43.5882, 51.2497,
52.8261

■ 48.5575, 59.4588,
59.8142

■ 54.0093, 68.5130,
67.3336

Harmonies

Analogous

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



19.8774, 15.2369, 27.7426



21.1079, 15.2369, 17.7481



20.3695, 15.2369, 10.2767

Triad

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



21.1079, 15.2369, 17.7481



12.0662, 15.2369, 5.6648



11.4703, 15.2369, 34.6555

Complementary

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



21.1079, 15.2369, 17.7481



20.7421, 29.3919, 26.4112

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.



9.8550, 15.2369, 25.0715



21.1079, 15.2369, 17.7481



10.1639, 15.2369, 8.9170

Square

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



21.1079, 15.2369, 17.7481



14.8810, 15.2369, 4.8899



9.4121, 15.2369, 15.4842



14.0906, 15.2369, 39.4288

Rectangle

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



21.1079, 15.2369, 17.7481



18.9088, 15.2369, 7.2361



9.4121, 15.2369, 15.4842



10.8068, 15.2369, 31.7563

Sweetspot

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



21.1083, 15.2377, 17.7484



53.4544, 51.2776, 57.7752



19.0217, 13.7595, 35.8359



11.7454, 11.1016, 12.5648



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.



21.1083, 15.2377, 17.7484



35.0654, 22.8526, 25.8941



20.3110, 15.9419, 10.3950



7.1813, 7.1290, 7.9409



12.4502, 6.3361, 4.2953



0.2843, 0.1422, 0.2096

Inverse Universe

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



21.1083, 15.2377, 17.7484



35.0654, 22.8526, 25.8941



21.7669, 27.6712, 38.3765



7.1813, 7.1290, 7.9409



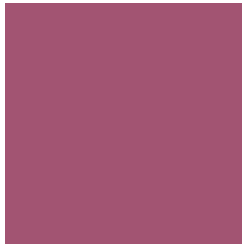
12.4502, 6.3361, 4.2953



0.2843, 0.1422, 0.2096

Previews

White Background



This preview shows how the XYZ color 21.1079, 15.2369, 17.7481 looks on a white background.

Color Contrast Check

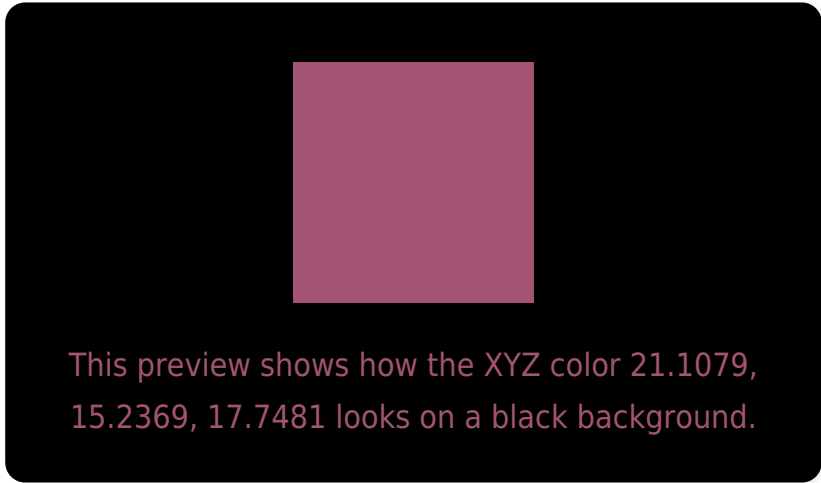
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1079, 15.2369, 17.7481

Background



This preview shows how black text looks on a background with the XYZ color 21.1079, 15.2369, 17.7481.



This preview shows how white text looks on a background with the XYZ color 21.1079, 15.2369,

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

21.1079, 15.2369, 17.7481

Protanopia

15.1507, 15.3134, 22.9261

Deuteranopia

15.5763, 15.3558, 16.8949



Tritanopia

20.0073, 15.2612, 12.4809

Trichromacy



Original Color

21.1079, 15.2369, 17.7481

Protanomaly

16.7041, 14.8145, 21.0479

Deuteranomaly

17.2286, 15.0340, 17.0327

Tritanomaly

20.4551, 15.3330, 14.1934

Monochromacy



Original Color

21.1079, 15.2369, 17.7481

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.7842, 15.2230, 17.3829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1079, 15.2369, 17.7481 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(162, 84, 114)` looks like.

```
.text, #text, p{  
    color:rgb(162, 84, 114)  
}
```

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(162, 84, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 84, 114) }
```

Border

The CSS property to change the border of an element to XYZ 21.1079, 15.2369, 17.7481 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(162, 84, 114) }
```


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

```
.border{ border-color:rgb(162, 84, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 84, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 84, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 84, 114);  
box-shadow:4px 4px 4px 4px rgb(162, 84,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1079, 15.2369, 17.7481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 84, 114) }
```

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

```
.background{ background-color: rgb(162, 84,  
114) }
```

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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