

Converting Colors

XYZ(21.7478, 15.3376, 18.6456)

Have a look what the booklet for
XYZ(21.7478, 15.3376, 18.6456)
contains.

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Color

**XYZ(21.7452, 15.3183,
18.6402)**

Conversions

Conversions Part 1

Format	Color
Hex	A55275
RGB	165, 82, 117
RGB Percent	65%, 32%, 46%
CMY	0.3529, 0.6784, 0.5412
CMYK	0.00, 0.50, 0.29, 0.35
HSL	335°, 34%, 48%
HSV	335°, 50%, 65%
XYZ	21.7452, 15.3183, 18.6402
YIQ	110.8070, 38.2330, 28.4810

Conversions

Conversions Part 2

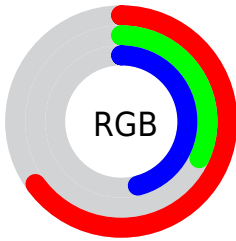
Format	Color
R_{YB}	165, 82, 117
Decimal	10834549
CIE _{Lab}	46.07, 38.27, -4.04
CIE _{LCh}	46, 38.487, 353.975
Yxy	15.3183, 0.3904, 0.2750
Android (android.graphics.Color)	4289024629 (0xFFA55275)
YUV	110.8070, 3.0531, 47.5273
Hunter-Lab	39.1386, 30.6811, -0.8405

Details

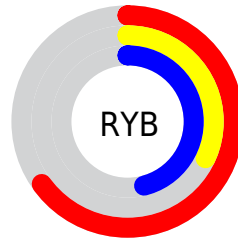
The XYZ color **21.7452, 15.3183, 18.6402** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **20.9648, 30.3162, 25.8674**, and the grayscale version is **15.0377, 15.8208, 17.2289**.

A 20% lighter version of the original color is **45.8107, 35.4444, 41.9631**, and **7.9946, 4.7246, 6.1208** is the 20% darker color. If you saturate the color by 10%, you get **20.1145, 12.9094, 15.4681**, and if you desaturate by 10%, it is **23.7332, 18.3500, 22.2139**.

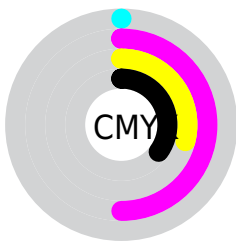
Distribution



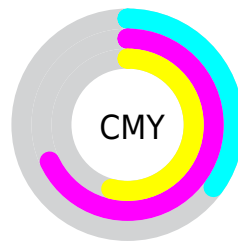
- Red (65%)
- Green (32%)
- Blue (46%)



- Red (65%)
- Yellow (32%)
- Blue (46%)



- Cyan (0%)
- Magenta (50%)
- Yellow (29%)
- Black (35%)



- Cyan (35%)
- Magenta (68%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7452, 15.3183, 18.6402 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 21.7452, 15.3183, 18.6402 by changing the saturation by 10% instead.

21.7452, 15.3183,
18.6402

21.7452, 15.3183,
18.6402

253.8702,
225.2848, 256.8114

13.7853, 9.0431,
11.2364

45.8065, 35.4106,
41.9538

8.0522, 4.7693,
6.1099

62.6387, 49.9965,
58.7007

4.1805, 2.1125,
2.8422

83.1590, 68.1214,
79.3990

1.8047, 0.6717,
1.0146

107.7328, 90.1697,
104.4674

0.5205, 0.0000,
0.0000

136.7255,
116.5258, 134.3242

0.0000, 0.0000,
0.0000

170.5024,

147.5741, 169.3882

209.4288,
183.6989, 210.0777

■ 21.7452, 15.3183,
18.6402

■ 21.7452, 15.3183,
18.6402

■ 20.1145, 12.9094,
15.4681

■ 23.7332, 18.3500,
22.2139

■ 18.8162, 11.0766,
12.6805

■ 26.0984, 22.0420,
26.2035

■ 17.8242, 9.7705,
10.2601

■ 28.8608, 26.4317,
30.6235

■ 17.1075, 8.9321,
8.1871

■ 32.0385, 31.5531,
35.4875

■ 16.6091, 8.4362,
6.4769

■ 35.6486, 37.4376,
40.8082

■ 39.7070, 44.1152,
46.5979

■ 44.2289, 51.6139,
52.8685

■ 49.2287, 59.9606,
59.6312

■ 54.7204, 69.1808,
66.8970

Harmonies

Analogous

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



20.2558, 15.3183, 29.6599



21.7452, 15.3183, 18.6402



21.0889, 15.3183, 10.3832

Triad

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



21.7452, 15.3183, 18.6402



12.1527, 15.3183, 5.0474



11.1678, 15.3183, 35.8774

Complementary

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



21.7452, 15.3183, 18.6402



20.9648, 30.3162, 25.8674

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.



9.5397, 15.3183, 25.1121



21.7452, 15.3183, 18.6402



10.0460, 15.3183, 8.1758

Square

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



21.7452, 15.3183, 18.6402



15.2292, 15.3183, 4.4203



9.1620, 15.3183, 14.8605



13.9099, 15.3183, 41.7397

Rectangle

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



21.7452, 15.3183, 18.6402



19.5659, 15.3183, 7.0443



9.1620, 15.3183, 14.8605



10.4896, 15.3183, 32.5545

Sweetspot

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



21.7456, 15.3191, 18.6405



54.4526, 51.7790, 59.1211



18.8679, 13.4219, 37.1935



11.6596, 10.9259, 12.5488



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.



21.7456, 15.3191, 18.6405



35.8164, 22.8205, 27.2782



20.4922, 15.5125, 9.8978



7.1919, 7.1332, 7.9969



12.5889, 6.3916, 5.0258



0.2879, 0.1437, 0.2287

Inverse Universe

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



21.7456, 15.3191, 18.6405



35.8164, 22.8205, 27.2782



22.7503, 29.4679, 40.0861



7.1919, 7.1332, 7.9969



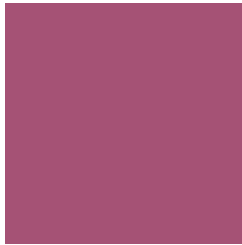
12.5889, 6.3916, 5.0258



0.2879, 0.1437, 0.2287

Previews

White Background



This preview shows how the XYZ color 21.7452, 15.3183, 18.6402 looks on a white background.

Color Contrast Check

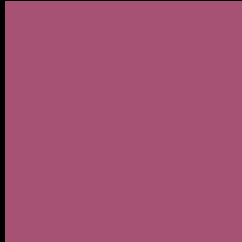
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7452, 15.3183, 18.6402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

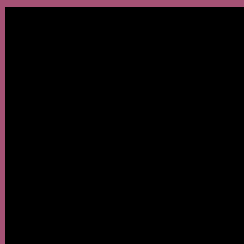
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.7452, 15.3183, 18.6402

Background



This preview shows how black text looks on a background with the XYZ color 21.7452, 15.3183, 18.6402.



This preview shows how white text looks on a background with the XYZ color 21.7452, 15.3183,

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

21.7452, 15.3183, 18.6402

Protanopia

15.4806, 15.6016, 24.7497

Deuteranopia

15.7424, 15.4223, 17.7699



Tritanopia

20.4882, 15.3932, 12.2473

Trichromacy



Original Color

21.7452, 15.3183, 18.6402

Protanomaly

16.9623, 14.9178, 22.4075

Deuteranomaly

17.4653, 14.9985, 17.8941

Tritanomaly

20.9566, 15.3488, 14.4285

Monochromacy



Original Color

21.7452, 15.3183, 18.6402

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.8979, 15.1319, 17.6529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7452, 15.3183, 18.6402 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, 82, 117)` looks like.

```
.text, #text, p{  
    color:rgb(165, 82, 117)  
}
```

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, 82, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 82, 117) }
```

Border

The CSS property to change the border of an element to XYZ 21.7452, 15.3183, 18.6402 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, 82, 117) }
```


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

```
.border{ border-color:rgb(165, 82, 117) }
```

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

Here you see how a box with a 4 pixel rgb(165, 82, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 82, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 82, 117);  
box-shadow:4px 4px 4px 4px rgb(165, 82,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7452, 15.3183, 18.6402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 82, 117) }
```

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

```
.background{ background-color: rgb(165, 82,  
117) }
```

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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