

Converting Colors

XYZ(21.7016, 15.6349, 20.1078)

Have a look what the booklet for
XYZ(21.7016, 15.6349, 20.1078)
contains.

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Color

**XYZ(21.6000, 15.5589,
19.9539)**

Conversions

Conversions Part 1

Format	Color
Hex	A25579
RGB	162, 85, 121
RGB Percent	64%, 33%, 47%
CMY	0.3647, 0.6666, 0.5255
CMYK	0.00, 0.48, 0.25, 0.36
HSL	332°, 31%, 48%
HSV	332°, 48%, 64%
XYZ	21.6000, 15.5589, 19.9539
YIQ	112.1270, 34.3360, 27.5200

Conversions

Conversions Part 2

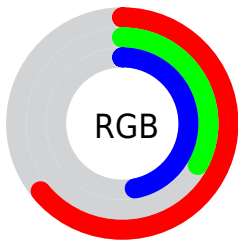
Format	Color
R_{YB}	162, 85, 121
Decimal	10638713
CIE Lab	46.39, 36.20, -6.03
CIE LCh	46, 36.698, 350.539
Yxy	15.5589, 0.3782, 0.2724
Android (android.graphics.Color)	4288828793 (0xFFA25579)
YUV	112.1270, 4.3744, 43.7386
Hunter-Lab	39.4448, 28.7184, -2.3817

Details

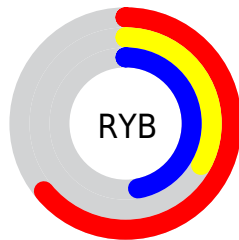
The XYZ color **21.6000, 15.5589, 19.9539** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **20.4333, 29.2787, 24.3146**, and the grayscale version is **15.4194, 16.2224, 17.6662**.

A 20% lighter version of the original color is **45.7019, 35.9685, 44.0690**, and **7.9880, 4.8712, 6.8226** is the 20% darker color. If you saturate the color by 10%, you get **19.9620, 13.0919, 16.9136**, and if you desaturate by 10%, it is **23.5782, 18.6303, 23.3414**.

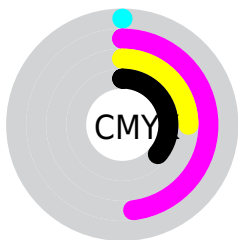
Distribution



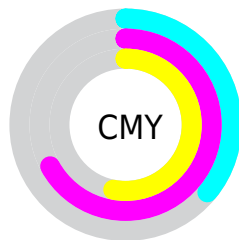
- Red (64%)
- Green (33%)
- Blue (47%)



- Red (64%)
- Yellow (33%)
- Blue (47%)



- Cyan (0%)
- Magenta (48%)
- Yellow (25%)
- Black (36%)



- Cyan (36%)
- Magenta (67%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6000, 15.5589, 19.9539 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 21.6000, 15.5589, 19.9539 by changing the saturation by 10% instead.

■ 21.6000, 15.5589,
19.9539

■ 21.6000, 15.5589,
19.9539

253.1220,
226.7246, 264.2614

■ 13.6782, 9.2126,
12.1778

■ 45.5678, 35.8307,
44.1978

■ 7.9774, 4.8801,
6.7409

■ 62.3445, 50.5250,
61.5027

■ 4.1322, 2.1771,
3.2246

■ 82.8036, 68.7707,
82.8210

■ 1.7772, 0.7075,
1.2104

■ 107.3104, 90.9522,
108.5711

■ 0.5039, 0.0000,
0.0000

■ 136.2303,
117.4540, 139.1717

■ 0.0000, 0.0000,
0.0000

169.9286,

148.6604, 175.0413

208.7708,
184.9558, 216.5983

■ 21.6000, 15.5589,
19.9539

■ 21.6000, 15.5589,
19.9539

■ 19.9620, 13.0919,
16.9136

■ 23.5782, 18.6303,
23.3414

■ 18.6414, 11.1861,
14.2062

■ 25.9147, 22.3409,
27.0874

■ 17.6146, 9.7962,
11.8179

■ 28.6280, 26.7254,
31.2040

■ 16.8539, 8.8689,
9.7326

■ 31.7346, 31.8155,
35.7022

■ 16.3142, 8.3165,
7.9284

■ 35.2503, 37.6408,
40.5923

■ 16.1957, 8.1995,
7.5185

■ 39.1898, 44.2291,
45.8846

■ 43.5672, 51.6070,
51.5887

■ 48.3959, 59.7996,
57.7138

■ 53.6886, 68.8309,
64.2690

Harmonies

Analogous

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



19.9722, 15.5589, 30.5227



21.6000, 15.5589, 19.9539



21.2129, 15.5589, 11.5569

Triad

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



21.6000, 15.5589, 19.9539



12.7643, 15.5589, 5.3392



11.2646, 15.5589, 34.1629

Complementary

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



21.6000, 15.5589, 19.9539



20.4333, 29.2787, 24.3146

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.



9.8126, 15.5589, 23.7813



21.6000, 15.5589, 19.9539



10.5893, 15.5589, 8.1380

Square

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



21.6000, 15.5589, 19.9539



15.8059, 15.5589, 4.9480



9.5842, 15.5589, 14.2478



13.8153, 15.5589, 40.4448

Rectangle

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



21.6000, 15.5589, 19.9539



19.8829, 15.5589, 7.9857



9.5842, 15.5589, 14.2478



10.6480, 15.5589, 30.8941

Sweetspot

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



21.6005, 15.5597, 19.9542



53.7316, 51.3884, 59.2350



18.1967, 13.4503, 35.8196



11.8155, 11.1296, 12.9340



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.



21.6005, 15.5597, 19.9542



36.0911, 23.5483, 30.4157



19.8911, 15.0390, 10.4498



7.2051, 7.1385, 8.0666



12.7808, 6.4684, 6.0361



0.2924, 0.1454, 0.2523

Inverse Universe

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



21.6005, 15.5597, 19.9542



36.0911, 23.5483, 30.4157



22.9638, 29.9311, 38.7495



7.2051, 7.1385, 8.0666



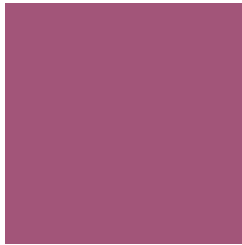
12.7808, 6.4684, 6.0361



0.2924, 0.1454, 0.2523

Previews

White Background



This preview shows how the XYZ color 21.6000, 15.5589, 19.9539 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

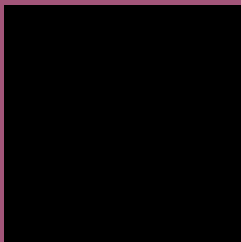
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.6000, 15.5589, 19.9539

Background



This preview shows how black text looks on a background with the XYZ color 21.6000, 15.5589, 19.9539.



This preview shows how white text looks on a background with the XYZ color 21.6000, 15.5589,

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

21.6000, 15.5589, 19.9539

Protanopia

15.6929, 15.6865, 25.8676

Deuteranopia

15.9398, 15.6513, 19.0105



Tritanopia

20.2647, 15.6304, 13.0152

Trichromacy



Original Color

21.6000, 15.5589, 19.9539

Protanomaly

17.1114, 15.1130, 23.4880

Deuteranomaly

17.5634, 15.3000, 19.1670

Tritanomaly

20.7375, 15.5764, 15.2782

Monochromacy



Original Color

21.6000, 15.5589, 19.9539

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

17.0518, 15.4864, 18.3101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6000, 15.5589, 19.9539 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, 85, 121)` looks like.

```
.text, #text, p{  
    color:rgb(162, 85, 121)  
}
```

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, 85, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 85, 121) }
```

Border

The CSS property to change the border of an element to XYZ 21.6000, 15.5589, 19.9539 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, 85, 121) }
```


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

```
.border{ border-color:rgb(162, 85, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 85, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 85, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 85, 121);  
box-shadow:4px 4px 4px 4px rgb(162, 85,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6000, 15.5589, 19.9539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 85, 121) }
```

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

```
.background{ background-color: rgb(162, 85,  
121) }
```

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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