

Converting Colors

XYZ(21.6014, 15.3329, 22.5383)

Have a look what the booklet for
XYZ(21.6014, 15.3329, 22.5383)
contains.

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Color

**XYZ(21.6300, 15.3992,
22.6012)**

Conversions

Conversions Part 1

Format	Color
Hex	A05481
RGB	160, 84, 129
RGB Percent	63%, 33%, 51%
CMY	0.3725, 0.6706, 0.4941
CMYK	0.00, 0.47, 0.19, 0.37
HSL	324°, 31%, 48%
HSV	324°, 47%, 63%
XYZ	21.6300, 15.3992, 22.6012
YIQ	111.8540, 30.8510, 30.1070

Conversions

Conversions Part 2

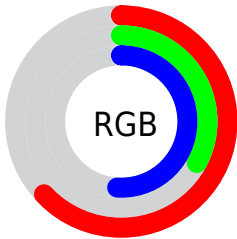
Format	Color
R_{YB}	160, 84, 129
Decimal	10507393
CIE Lab	46.18, 37.26, -11.22
CIE LCh	46, 38.916, 343.245
Yxy	15.3992, 0.3627, 0.2582
Android (android.graphics.Color)	4288697473 (0xFFFA05481)
YUV	111.8540, 8.4530, 42.2240
Hunter-Lab	39.2418, 29.7156, -6.6786

Details

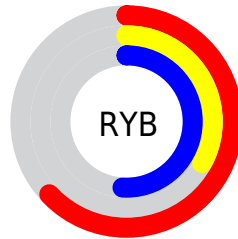
The XYZ color **21.6300, 15.3992, 22.6012** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.3222, 28.2647, 20.6582**, and the grayscale version is **15.3285, 16.1267, 17.5620**.

A 20% lighter version of the original color is **45.5666, 35.5846, 48.7229**, and **7.9639, 4.7874, 8.0937** is the 20% darker color. If you saturate the color by 10%, you get **20.1070, 13.0253, 20.0211**, and if you desaturate by 10%, it is **23.4653, 18.3530, 25.4225**.

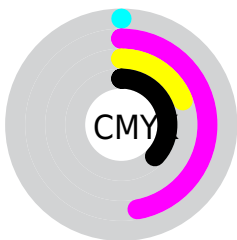
Distribution



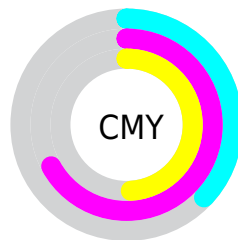
- Red (63%)
- Green (33%)
- Blue (51%)



- Red (63%)
- Yellow (33%)
- Blue (51%)



- Cyan (0%)
- Magenta (47%)
- Yellow (19%)
- Black (37%)



- Cyan (37%)
- Magenta (67%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6300, 15.3992, 22.6012 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 21.6300, 15.3992, 22.6012 by changing the saturation by 10% instead.

21.6300, 15.3992,
22.6012

21.6300, 15.3992,
22.6012

253.2767,
225.7699, 278.7252

13.7004, 9.1000,
14.0968

45.6171, 35.5520,
48.6525

7.9929, 4.8065,
8.0485

62.4053, 50.1744,
67.0365

4.1421, 2.1342,
4.0378

82.8771, 68.3400,
89.5508

1.7829, 0.6837,
1.6461

107.3978, 90.4332,
116.6139

0.5073, 0.0000,
0.3234

136.3327,
116.8384, 148.6443

0.0000, 0.0000,
0.0000

170.0473,

147.9400, 186.0607

208.9068,
184.1224, 229.2815

■ 21.6300, 15.3992,
22.6012

■ 21.6300, 15.3992,
22.6012

■ 20.1070, 13.0253,
20.0211

■ 23.4653, 18.3530,
25.4225

■ 18.8748, 11.1897,
17.6719

■ 25.6298, 21.9200,
28.4926

■ 17.9113, 9.8488,
15.5440

■ 28.1406, 26.1339,
31.8197


■ 17.1904, 8.9512,
13.6258


■ 31.0133, 31.0250,
35.4114


■ 16.6691, 8.4119,
11.9003


■ 34.2627, 36.6218,
39.2749

 16.5508, 8.2950,
11.4920

 37.9024, 42.9511,
43.4170

 41.9455, 50.0385,
47.8442

 46.4044, 57.9079,
52.5628

 51.2912, 66.5827,
57.5788

Harmonies

Analogous

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



19.4538, 15.3992, 33.8957



21.6300, 15.3992, 22.6012



21.7614, 15.3992, 12.9217

Triad

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



21.6300, 15.3992, 22.6012



13.2237, 15.3992, 4.5336



10.4660, 15.3992, 32.6471

Complementary

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



21.6300, 15.3992, 22.6012



19.3222, 28.2647, 20.6582

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.



9.2660, 15.3992, 21.3085



21.6300, 15.3992, 22.6012



10.6883, 15.3992, 6.6731

Square

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



21.6300, 15.3992, 22.6012



16.5525, 15.3992, 4.6557



9.3407, 15.3992, 12.0348



12.8743, 15.3992, 41.0344

Rectangle

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



21.6300, 15.3992, 22.6012



20.6427, 15.3992, 8.6165



9.3407, 15.3992, 12.0348



9.9254, 15.3992, 28.9023

Sweetspot

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



21.6305, 15.3999, 22.6015



52.7052, 50.1807, 59.8267



16.5078, 12.4839, 34.7976



11.3348, 10.6250, 12.8361



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.



21.6305, 15.3999, 22.6015



36.3590, 23.4225, 36.0838



19.5825, 14.5807, 11.8169



6.7895, 6.7087, 7.7428



12.9150, 6.4705, 9.0691



0.2516, 0.1239, 0.2708

Inverse Universe

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



21.6305, 15.3999, 22.6015



36.3590, 23.4225, 36.0838



21.9278, 29.3070, 34.3793



6.7895, 6.7087, 7.7428



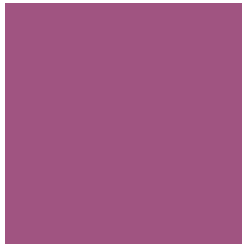
12.9150, 6.4705, 9.0691



0.2516, 0.1239, 0.2708

Previews

White Background



This preview shows how the XYZ color 21.6300, 15.3992, 22.6012 looks on a white background.

Color Contrast Check

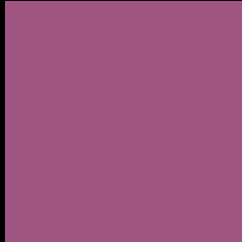
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6300, 15.3992, 22.6012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

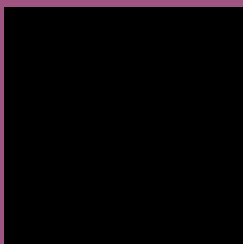
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.6300, 15.3992, 22.6012

Background



This preview shows how black text looks on a background with the XYZ color 21.6300, 15.3992, 22.6012.



This preview shows how white text looks on a background with the XYZ color 21.6300, 15.3992,

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

21.6300, 15.3992, 22.6012

Protanopia

15.8025, 15.6653, 29.3849

Deuteranopia

15.7694, 15.5068, 21.5640



Tritanopia

19.7185, 15.3435, 13.2316

Trichromacy



Original Color

21.6300, 15.3992, 22.6012

Protanomaly

17.1760, 15.0727, 26.8150

Deuteranomaly

17.4337, 15.1759, 21.7490

Tritanomaly

20.3506, 15.3527, 16.3588

Monochromacy



Original Color

21.6300, 15.3992, 22.6012

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

17.0746, 15.4779, 19.2271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6300, 15.3992, 22.6012 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(160, 84, 129)` looks like.

```
.text, #text, p{  
  color:rgb(160, 84, 129)  
}
```

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(160, 84, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 84, 129) }
```

Border

The CSS property to change the border of an element to XYZ 21.6300, 15.3992, 22.6012 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(160, 84, 129) }
```


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

```
.border{ border-color:rgb(160, 84, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 84, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 84, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 84, 129); box-shadow:4px 4px 4px 4px rgb(160, 84, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6300, 15.3992, 22.6012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 84, 129) }
```

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

```
.background{ background-color: rgb(160, 84,  
129) }
```

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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