

Converting Colors

XYZ(21.3769, 16.3656, 31.7737)

Have a look what the booklet for
XYZ(21.3769, 16.3656, 31.7737)
contains.

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Color

**XYZ(21.3473, 16.2921,
31.7253)**

Conversions

Conversions Part 1

Format	Color
Hex	915E98
RGB	145, 94, 152
RGB Percent	57%, 37%, 60%
CMY	0.4314, 0.6314, 0.4039
CMYK	0.05, 0.38, 0.00, 0.40
HSL	293°, 24%, 48%
HSV	293°, 38%, 60%
XYZ	21.3473, 16.2921, 31.7253
YIQ	115.8610, 11.7780, 28.8500

Conversions

Conversions Part 2

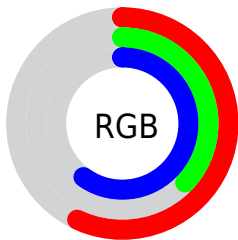
Format	Color
R_{YB}	145, 94, 152
Decimal	9526936
CIE _{Lab}	47.36, 30.84, -23.36
CIE _{LCh}	47, 38.690, 322.866
Yxy	16.2921, 0.3078, 0.2349
Android (android.graphics.Color)	4287717016 (0xFF915E98)
YUV	115.8610, 17.8165, 25.5549
Hunter-Lab	40.3635, 23.7684, -18.3469

Details

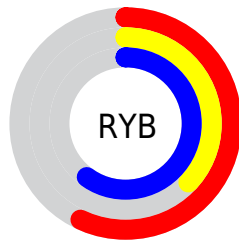
The XYZ color **21.3473, 16.2921, 31.7253** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.6158, 26.0316, 14.6338**, and the grayscale version is **16.5030, 17.3625, 18.9077**.

A 20% lighter version of the original color is **45.0854, 36.9864, 63.1553**, and **7.8402, 5.2207, 12.9064** is the 20% darker color. If you saturate the color by 10%, you get **19.8060, 13.6852, 31.3036**, and if you desaturate by 10%, it is **23.1611, 19.4355, 32.2367**.

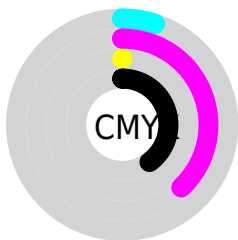
Distribution



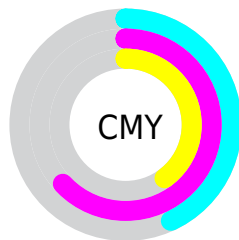
- Red (57%)
- Green (37%)
- Blue (60%)



- Red (57%)
- Yellow (37%)
- Blue (60%)



- Cyan (5%)
- Magenta (38%)
- Yellow (0%)
- Black (40%)



- Cyan (43%)
- Magenta (63%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3473, 16.2921, 31.7253 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 21.3473, 16.2921, 31.7253 by changing the saturation by 10% instead.

■ 21.3473, 16.2921,
31.7253

■ 21.3473, 16.2921,
31.7253

251.8154,
231.0592, 324.3201

■ 13.4920, 9.7311,
20.8887

■ 45.1518, 37.1046,
63.4731

■ 7.8475, 5.2210,
12.8522

■ 61.8316, 52.1248,
85.2214

■ 4.0485, 2.3775,
7.1973

■ 82.1838, 70.7336,
111.4439

■ 1.7296, 0.8143,
3.5055

■ 106.5735, 93.3153,
142.5593

■ 0.4747, 0.0000,
1.3582

135.3661,
120.2543, 178.9861

■ 0.0000, 0.0000,
0.1088

168.9271,

■ 0.0000, 0.0000,

151.9350, 221.1428

0.0000

207.6218,
188.7419, 269.4479

■ 21.3473, 16.2921,
31.7253

■ 21.3473, 16.2921,
31.7253

■ 19.8060, 13.6852,
31.3036

■ 23.1611, 19.4355,
32.2367

■ 18.5199, 11.5811,
30.9653

■ 25.2601, 23.1421,
32.8415

■ 17.4720, 9.9460,
30.7049

■ 27.6584, 27.4393,
33.5445

■ 16.6429, 8.7407,
30.5159

■ 30.3685, 32.3523,
34.3500

■ 16.0097, 7.9198,
30.3908

■ 33.4022, 37.9046,
35.2618

■ 15.5289, 7.3959,
30.3151

■ 36.7707, 44.1186,
36.2837

■ 15.4446, 7.3073,
30.3024

■ 40.4847, 51.0156,
37.4192

■ 44.5543, 58.6158,
38.6717

■ 48.9893, 66.9389,
40.0445

Harmonies

Analogous

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



18.1860, 16.2921, 41.3931



21.3473, 16.2921, 31.7253



22.9772, 16.2921, 20.1849

Triad

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



21.3473, 16.2921, 31.7253



16.3171, 16.2921, 4.8390



10.1778, 16.2921, 26.1182

Complementary

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



21.3473, 16.2921, 31.7253



18.6158, 26.0316, 14.6338

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.



9.8294, 16.2921, 15.4997



21.3473, 16.2921, 31.7253



13.0659, 16.2921, 5.4226

Square

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



21.3473, 16.2921, 31.7253



19.8080, 16.2921, 6.5558



10.8083, 16.2921, 8.6197



11.8420, 16.2921, 37.4096

Rectangle

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



21.3473, 16.2921, 31.7253



22.8288, 16.2921, 13.8644



10.8083, 16.2921, 8.6197



9.9141, 16.2921, 22.2763

Sweetspot

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



21.3478, 16.2928, 31.7256



47.4677, 46.0002, 58.8108



15.0094, 14.0977, 31.6360



10.6684, 10.2392, 13.3316



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



21.3478, 16.2928, 31.7256



35.2772, 24.6860, 55.3392



21.0307, 16.3128, 23.4188



6.3878, 6.2858, 7.8056



12.9671, 6.1358, 25.4086



0.2119, 0.1010, 0.3807

Inverse Universe

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



19.3010, 15.6210, 14.3102



31.2198, 23.3795, 19.6748



18.9547, 26.0805, 20.3358



6.2376, 6.2342, 6.6314



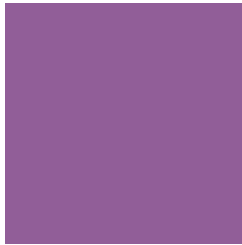
10.9580, 5.6374, 1.0378



0.1707, 0.0870, 0.0520

Previews

White Background



This preview shows how the XYZ color 21.3473, 16.2921, 31.7253 looks on a white background.

Color Contrast Check

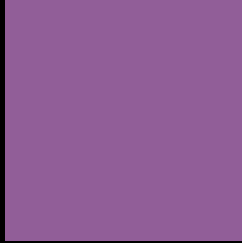
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3473, 16.2921, 31.7253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

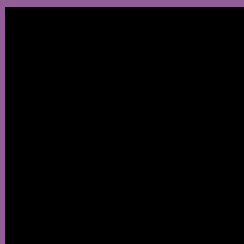
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.3473, 16.2921, 31.7253

Background



This preview shows how black text looks on a background with the XYZ color 21.3473, 16.2921, 31.7253.



This preview shows how white text looks on a background with the XYZ color 21.3473, 16.2921,

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

21.3473, 16.2921, 31.7253

Protanopia

17.1953, 16.5184, 37.8794

Deuteranopia

16.8182, 16.4819, 30.7287



Tritanopia

18.3670, 16.3372, 17.2243

Trichromacy



Original Color

21.3473, 16.2921, 31.7253

Protanomaly

18.2068, 16.1519, 35.4157

Deuteranomaly

18.1643, 16.2271, 31.0289

Tritanomaly

19.3076, 16.2834, 21.8641

Monochromacy



Original Color

21.3473, 16.2921, 31.7253

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.0774, 16.8221, 23.0631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3473, 16.2921, 31.7253 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(145, 94, 152)` looks like.

```
.text, #text, p{  
    color:rgb(145, 94, 152)  
}
```

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(145, 94, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 94, 152) }
```

Border

The CSS property to change the border of an element to XYZ 21.3473, 16.2921, 31.7253 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(145, 94, 152) }
```


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

```
.border{ border-color:rgb(145, 94, 152) }
```

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

Here you see how a box with a 4 pixel rgb(145, 94, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 94, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 94, 152);  
box-shadow:4px 4px 4px 4px rgb(145, 94,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3473, 16.2921, 31.7253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 94, 152) }
```

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

```
.background{ background-color: rgb(145, 94,  
152) }
```

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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