

Converting Colors

XYZ(21.2947, 16.3084, 31.2134)

Have a look what the booklet for
XYZ(21.2947, 16.3084, 31.2134)
contains.

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Color

**XYZ(21.2657, 16.2595,
31.2957)**

Conversions

Conversions Part 1

Format	Color
Hex	915E97
RGB	145, 94, 151
RGB Percent	57%, 37%, 59%
CMY	0.4314, 0.6314, 0.4078
CMYK	0.04, 0.38, 0.00, 0.41
HSL	294°, 23%, 48%
HSV	294°, 38%, 59%
XYZ	21.2657, 16.2595, 31.2957
YIQ	115.7470, 12.0990, 28.5390

Conversions

Conversions Part 2

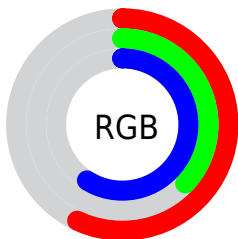
Format	Color
R_{YB}	145, 94, 151
Decimal	9526935
CIE _{Lab}	47.31, 30.64, -22.83
CIE _{LCh}	47, 38.209, 323.311
Yxy	16.2595, 0.3090, 0.2363
Android (android.graphics.Color)	4287717015 (0xFF915E97)
YUV	115.7470, 17.3797, 25.6549
Hunter-Lab	40.3231, 23.5725, -17.7902

Details

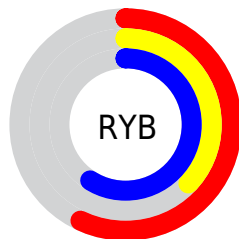
The XYZ color **21.2657, 16.2595, 31.2957** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.3430, 25.6510, 14.5748**, and the grayscale version is **16.4695, 17.3272, 18.8693**.

A 20% lighter version of the original color is **44.9643, 36.9379, 62.5175**, and **7.7914, 5.2012, 12.6499** is the 20% darker color. If you saturate the color by 10%, you get **19.7741, 13.6889, 30.8784**, and if you desaturate by 10%, it is **23.0250, 19.3589, 31.8015**.

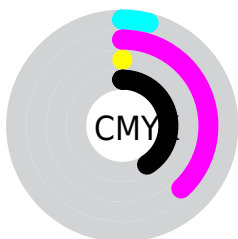
Distribution



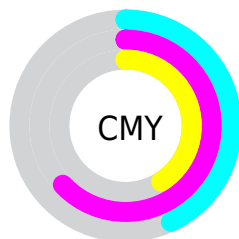
- Red (57%)
- Green (37%)
- Blue (59%)



- Red (57%)
- Yellow (37%)
- Blue (59%)



- Cyan (4%)
- Magenta (38%)
- Yellow (0%)
- Black (41%)



- Cyan (43%)
- Magenta (63%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2657, 16.2595, 31.2957 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 21.2657, 16.2595, 31.2957 by changing the saturation by 10% instead.

■ 21.2657, 16.2595,
31.2957

■ 21.2657, 16.2595,
31.2957

251.3923,
230.8681, 322.2916

■ 13.4319, 9.7080,
20.5638

■ 45.0173, 37.0481,
62.7903

■ 7.8057, 5.2058,
12.6174

■ 61.6658, 52.0540,
84.3901

■ 4.0216, 2.3685,
7.0380

■ 81.9832, 70.6468,
110.4496

■ 1.7144, 0.8096,
3.4071

■ 106.3350, 93.2109,
141.3874

■ 0.4652, 0.0000,
1.3061

135.0864,
120.1307, 177.6219

■ 0.0000, 0.0000,
0.0667

168.6029,

■ 0.0000, 0.0000,

151.7905, 219.5718

0.0000

207.2497,
188.5749, 267.6555

■ 21.2657, 16.2595,
31.2957

■ 21.2657, 16.2595,
31.2957

■ 19.7741, 13.6889,
30.8784

■ 23.0250, 19.3589,
31.8015

■ 18.5332, 11.6141,
30.5433

■ 25.0644, 23.0134,
32.3994

■ 17.5265, 10.0020,
30.2852

■ 27.3978, 27.2497,
33.0941

■ 16.7348, 8.8143,
30.0977

■ 30.0374, 32.0926,
33.8897

■ 16.1360, 8.0065,
29.9733

■ 32.9948, 37.5652,
34.7902

■ 15.6897, 7.4979,
29.8987

■ 36.2810, 43.6894,
35.7991

■ 15.5949, 7.3942,
29.8836

■ 39.9064, 50.4862,
36.9199

■ 43.8811, 57.9755,
38.1560

■ 48.2146, 66.1765,
39.5105

Harmonies

Analogous

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



18.1679, 16.2595, 40.8527



21.2657, 16.2595, 31.2957



22.8393, 16.2595, 19.9586

Triad

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



21.2657, 16.2595, 31.2957



16.2226, 16.2595, 4.9150



10.2265, 16.2595, 26.1266

Complementary

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



21.2657, 16.2595, 31.2957



18.3430, 25.6510, 14.5748

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.



9.8621, 16.2595, 15.6256



21.2657, 16.2595, 31.2957



13.0251, 16.2595, 5.5311

Square

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



21.2657, 16.2595, 31.2957



19.6659, 16.2595, 6.5892



10.8115, 16.2595, 8.7576



11.8913, 16.2595, 37.1870

Rectangle

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



21.2657, 16.2595, 31.2957



22.6707, 16.2595, 13.7593



10.8115, 16.2595, 8.7576



9.9589, 16.2595, 22.3383

Sweetspot

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



21.2662, 16.2602, 31.2960



47.5532, 46.0443, 58.8148



14.8224, 13.8543, 31.1713



10.6899, 10.2503, 13.3326



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.



21.2662, 16.2602, 31.2960



35.8713, 25.2962, 55.4257



20.7381, 16.1743, 22.8506



6.3972, 6.2906, 7.8060



13.2810, 6.2977, 25.4233



0.2145, 0.1024, 0.3808

Inverse Universe

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



19.0659, 15.5055, 14.0451



31.4460, 23.7975, 19.8559



18.8269, 25.7707, 20.4599



6.2339, 6.2327, 6.6119



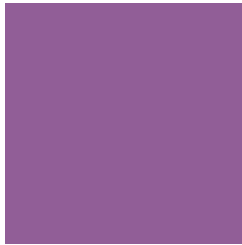
10.9419, 5.6310, 0.9533



0.1697, 0.0866, 0.0463

Previews

White Background



This preview shows how the XYZ color 21.2657, 16.2595, 31.2957 looks on a white background.

Color Contrast Check

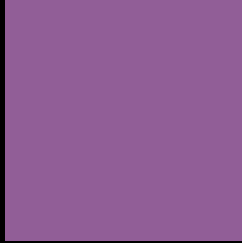
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2657, 16.2595, 31.2957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

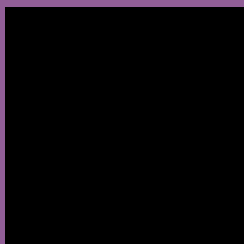
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.2657, 16.2595, 31.2957

Background



This preview shows how black text looks on a background with the XYZ color 21.2657, 16.2595, 31.2957.



This preview shows how white text looks on a background with the XYZ color 21.2657, 16.2595,

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

21.2657, 16.2595, 31.2957

Protanopia

17.1046, 16.4821, 37.4018

Deuteranopia

16.7387, 16.4501, 30.3099



Tritanopia

18.3122, 16.3153, 16.9359

Trichromacy



Original Color

21.2657, 16.2595, 31.2957

Protanomaly

18.1196, 16.1171, 34.9568

Deuteranomaly

18.0841, 16.1950, 30.6066

Tritanomaly

19.2433, 16.2577, 21.5259

Monochromacy



Original Color

21.2657, 16.2595, 31.2957

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 21.2657, 16.2595, 31.2957 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(145, 94, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 94, 151) }
```

Border

The CSS property to change the border of an element to XYZ 21.2657, 16.2595, 31.2957 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, 151) }
```


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

```
.border{ border-color:rgb(145, 94, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 94, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 94, 151);  
box-shadow:4px 4px 4px 4px rgb(145, 94,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2657, 16.2595, 31.2957 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, 151) }
```

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

```
.background{ background-color: rgb(145, 94,  
151) }
```

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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