

Converting Colors

XYZ(21.1272, 16.6152, 32.7590)

Have a look what the booklet for
XYZ(21.1272, 16.6152, 32.7590)
contains.

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Color

**XYZ(21.0919, 16.5452,
32.6537)**

Conversions

Conversions Part 1

Format	Color
Hex	8D619A
RGB	141, 97, 154
RGB Percent	55%, 38%, 60%
CMY	0.4471, 0.6196, 0.3961
CMYK	0.08, 0.37, 0.00, 0.40
HSL	286°, 23%, 49%
HSV	286°, 37%, 60%
XYZ	21.0919, 16.5452, 32.6537
YIQ	116.6540, 7.9270, 27.0550

Conversions

Conversions Part 2

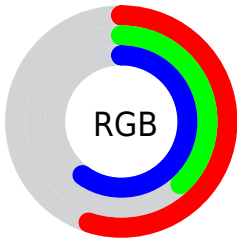
Format	Color
R_{YB}	141, 97, 154
Decimal	9265562
CIE _{Lab}	47.68, 28.22, -24.08
CIE _{LCh}	48, 37.095, 319.533
Yxy	16.5452, 0.3001, 0.2354
Android (android.graphics.Color)	4287455642 (0xFF8D619A)
YUV	116.6540, 18.4116, 21.3514
Hunter-Lab	40.6758, 21.3762, -19.1238

Details

The XYZ color **21.0919, 16.5452, 32.6537** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.1442, 27.2897, 15.5158**, and the grayscale version is **16.7453, 17.6174, 19.1853**.

A 20% lighter version of the original color is **44.6042, 37.3854, 65.1868**, and **7.7629, 5.3496, 13.4554** is the 20% darker color. If you saturate the color by 10%, you get **19.2171, 13.6678, 32.1974**, and if you desaturate by 10%, it is **23.2630, 19.9863, 33.2037**.

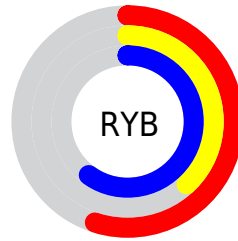
Distribution



Red (55%)

Green (38%)

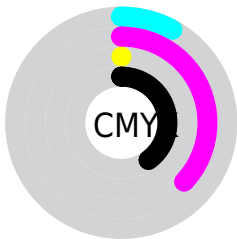
Blue (60%)



Red (55%)

Yellow (38%)

Blue (60%)

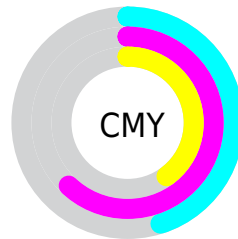


Cyan (8%)

Magenta (37%)

Yellow (0%)

Black (40%)



Cyan (45%)

Magenta (62%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0919, 16.5452, 32.6537 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 21.0919, 16.5452, 32.6537 by changing the saturation by 10% instead.

■ 21.0919, 16.5452,
32.6537

■ 21.0919, 16.5452,
32.6537

250.4890,
232.5377, 328.6704

■ 13.3040, 9.9108,
21.5923

■ 44.7306, 37.5421,
64.9443

■ 7.7167, 5.3398,
13.3622

■ 61.3121, 52.6734,
87.0105

■ 3.9645, 2.4480,
7.5448

■ 81.5555, 71.4058,
113.5822

■ 1.6821, 0.8504,
3.7215

■ 105.8262, 94.1237,
145.0778

■ 0.4450, 0.0000,
1.4738

134.4895,
121.2114, 181.9159

■ 0.0000, 0.0000,
0.1983

167.9109,

■ 0.0000, 0.0000,

153.0534, 224.5150

0.0000

206.4556,
190.0340, 273.2937

■ 21.0919, 16.5452,
32.6537

■ 21.0919, 16.5452,
32.6537

■ 19.2171, 13.6678,
32.1974

■ 23.2630, 19.9863,
33.2037

■ 17.6206, 11.3197,
31.8283

■ 25.7437, 24.0185,
33.8513

■ 16.2853, 9.4662,
31.5409

■ 28.5484, 28.6701,
34.6013

■ 15.1910, 8.0674,
31.3286

■ 31.6900, 33.9667,
35.4581

■ 14.3144, 7.0770,
31.1836

■ 35.1810, 39.9328,
36.4256

■ 13.6184, 6.4209,
31.0937

■ 39.0328, 46.5914,
37.5079

■ 13.4237, 6.2464,
31.0702

■ 43.2566, 53.9643,
38.7084

■ 47.8630, 62.0725,
40.0306

■ 52.8621, 70.9361,
41.4780

Harmonies

Analogous

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



17.9552, 16.5452, 41.2841



21.0919, 16.5452, 32.6537



22.8653, 16.5452, 21.5398

Triad

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



21.0919, 16.5452, 32.6537



16.9126, 16.5452, 5.3643



10.4498, 16.5452, 24.8354

Complementary

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



21.0919, 16.5452, 32.6537



20.1442, 27.2897, 15.5158

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.



10.2525, 16.5452, 14.8972



21.0919, 16.5452, 32.6537



13.6889, 16.5452, 5.7043

Square

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



21.0919, 16.5452, 32.6537



20.2371, 16.5452, 7.3883



11.3569, 16.5452, 8.5730



11.9402, 16.5452, 35.7825

Rectangle

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



21.0919, 16.5452, 32.6537



22.8885, 16.5452, 15.1570



11.3569, 16.5452, 8.5730



10.2389, 16.5452, 21.2112

Sweetspot

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



21.0925, 16.5459, 32.6541



49.6421, 48.3840, 62.2589



16.3715, 16.0919, 32.8153



11.0920, 10.7122, 14.0534



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.0925, 16.5459, 32.6541



35.5908, 25.8587, 58.6517



22.2472, 17.2783, 26.5125



6.3234, 6.2526, 7.8026



10.9685, 5.1055, 25.3151



0.1942, 0.0919, 0.3799

Inverse Universe

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



20.4161, 16.5459, 16.8702



34.3283, 25.9425, 25.3985



19.4217, 26.8273, 19.5430



6.2636, 6.2446, 6.7685



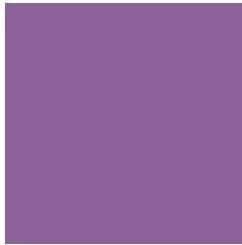
11.1179, 5.7014, 1.8801



0.1782, 0.0901, 0.0915

Previews

White Background



This preview shows how the XYZ color 21.0919, 16.5452, 32.6537 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 21.0919, 16.5452, 32.6537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

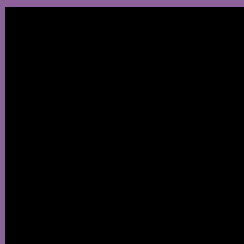
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.0919, 16.5452, 32.6537

Background



This preview shows how black text looks on a background with the XYZ color 21.0919, 16.5452, 32.6537.



This preview shows how white text looks on a background with the XYZ color 21.0919, 16.5452,

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

21.0919, 16.5452, 32.6537

Protanopia

17.5010, 16.8283, 38.4022

Deuteranopia

17.0890, 16.7658, 31.6136



Tritanopia

18.0805, 16.4690, 18.1455

Trichromacy



Original Color

21.0919, 16.5452, 32.6537

Protanomaly

18.4614, 16.5688, 36.4075

Deuteranomaly

18.2613, 16.5643, 31.9405

Tritanomaly

19.0303, 16.4061, 22.9326

Monochromacy



Original Color

21.0919, 16.5452, 32.6537

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.2094, 17.1992, 23.4791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0919, 16.5452, 32.6537 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(141, 97, 154)` looks like.

```
.text, #text, p{  
    color:rgb(141, 97, 154)  
}
```

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(141, 97, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 97, 154) }
```

Border

The CSS property to change the border of an element to XYZ 21.0919, 16.5452, 32.6537 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(141, 97, 154) }
```


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

```
.border{ border-color:rgb(141, 97, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 97, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 97, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 97, 154);  
box-shadow:4px 4px 4px 4px rgb(141, 97,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0919, 16.5452, 32.6537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 97, 154) }
```

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

```
.background{ background-color: rgb(141, 97,  
154) }
```

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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