

Converting Colors

XYZ(21.6763, 16.9211, 29.3190)

Have a look what the booklet for
XYZ(21.6763, 16.9211, 29.3190)
contains.

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Color

**XYZ(21.6757, 16.9206,
29.3177)**

Conversions

Conversions Part 1

Format	Color
Hex	946192
RGB	148, 97, 146
RGB Percent	58%, 38%, 57%
CMY	0.4196, 0.6196, 0.4274
CMYK	0.00, 0.34, 0.01, 0.42
HSL	302°, 21%, 48%
HSV	302°, 34%, 58%
XYZ	21.6757, 16.9206, 29.3177
YIQ	117.8350, 14.6670, 26.0510

Conversions

Conversions Part 2

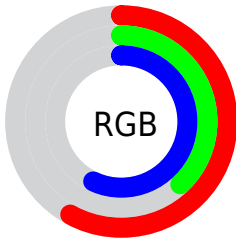
Format	Color
R_{YB}	148, 97, 146
Decimal	9724306
CIE _{Lab}	48.16, 28.93, -18.53
CIE _{LCh}	48, 34.353, 327.362
Yxy	16.9206, 0.3192, 0.2491
Android (android.graphics.Color)	4287914386 (0xFF946192)
YUV	117.8350, 13.8853, 26.4547
Hunter-Lab	41.1347, 22.0740, -13.4632

Details

The XYZ color **21.6757, 16.9206, 29.3177** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.7725, 24.6225, 15.6212**, and the grayscale version is **17.1235, 18.0153, 19.6186**.

A 20% lighter version of the original color is **45.8014, 38.3615, 59.6341**, and **7.9877, 5.5096, 11.4689** is the 20% darker color. If you saturate the color by 10%, you get **20.3888, 14.4186, 28.6667**, and if you desaturate by 10%, it is **23.2190, 19.9345, 30.0557**.

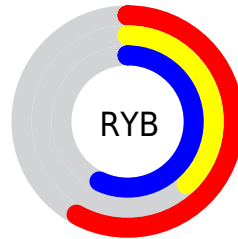
Distribution



Red (58%)

Green (38%)

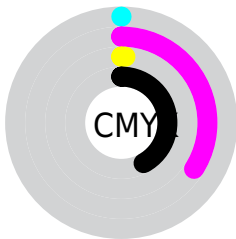
Blue (57%)



Red (58%)

Yellow (38%)

Blue (57%)

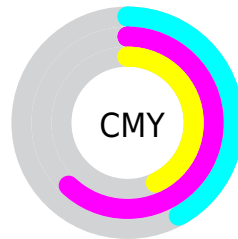


Cyan (0%)

Magenta (34%)

Yellow (1%)

Black (42%)



Cyan (42%)

Magenta (62%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6757, 16.9206, 29.3177 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 21.6757, 16.9206, 29.3177 by changing the saturation by 10% instead.

■ 21.6757, 16.9206,
29.3177

■ 21.6757, 16.9206,
29.3177

253.5123,
234.7144, 312.8187

■ 13.7341, 10.1779,
19.0736

■ 45.6923, 38.1892,
59.6297

■ 8.0164, 5.5171,
11.5462

■ 62.4979, 53.4839,
80.5347

■ 4.1573, 2.5537,
6.3167

■ 82.9889, 72.3981,
105.8304

■ 1.7915, 0.9035,
2.9667

■ 107.5307, 95.3160,
135.9353

■ 0.5126, 0.0000,
1.0777

136.4886,
122.6223, 171.2681

■ 0.0000, 0.0000,
0.0000

170.2279,

154.7012, 212.2473

209.1140,
191.9371, 259.2913

■ 21.6757, 16.9206,
29.3177

■ 21.6757, 16.9206,
29.3177

■ 20.3888, 14.4186,
28.6667

■ 23.2190, 19.9345,
30.0557

■ 19.3426, 12.3978,
28.0969

■ 25.0303, 23.4842,
30.8839

■ 18.5218, 10.8277,
27.6033

■ 27.1223, 27.5950,
31.8069

■ 17.9092, 9.6735,
27.1803

■ 29.5064, 32.2897,
32.8283

■ 17.4847, 8.8950,
26.8211

■ 32.1936, 37.5901,
33.9519

■ 17.2234, 8.4426,
26.5174

■ 35.1940, 43.5166,
35.1811

■ 17.1101, 8.2549,
26.3600

■ 38.5175, 50.0889,
36.5191

■ 42.1734, 57.3257,
37.9691

■ 46.1707, 65.2450,
39.5340

Harmonies

Analogous

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



18.9973, 16.9206, 38.2582



21.6757, 16.9206, 29.3177



22.8430, 16.9206, 19.2249

Triad

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



21.6757, 16.9206, 29.3177



16.3599, 16.9206, 6.0467



11.3254, 16.9206, 27.4920

Complementary

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



21.6757, 16.9206, 29.3177



17.7725, 24.6225, 15.6212

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.



10.8078, 16.9206, 17.6449



21.6757, 16.9206, 29.3177



13.4822, 16.9206, 6.9976

Square

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



21.6757, 16.9206, 29.3177



19.5362, 16.9206, 7.4202



11.5452, 16.9206, 10.6305



13.0619, 16.9206, 36.9867

Rectangle

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



21.6757, 16.9206, 29.3177



22.5076, 16.9206, 13.7617



11.5452, 16.9206, 10.6305



11.0138, 16.9206, 24.0349

Sweetspot

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



21.6762, 16.9213, 29.3181



45.6741, 44.4011, 55.1652



14.7336, 13.3242, 29.8125



10.3209, 9.9285, 12.5462



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.6762, 16.9213, 29.3181



36.5318, 26.5212, 50.8694



19.9270, 16.2216, 20.1065



6.0256, 5.9053, 7.2409



14.6171, 7.0519, 22.5282



0.1814, 0.0873, 0.2887

Inverse Universe

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



21.6762, 16.9213, 29.3181



36.5318, 26.5212, 50.8694



19.1710, 25.1820, 22.9860



6.0256, 5.9053, 7.2409



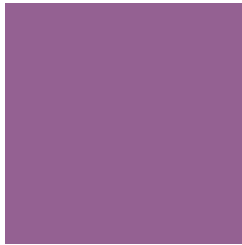
14.6171, 7.0519, 22.5282



0.1814, 0.0873, 0.2887

Previews

White Background



This preview shows how the XYZ color 21.6757, 16.9206, 29.3177 looks on a white background.

Color Contrast Check

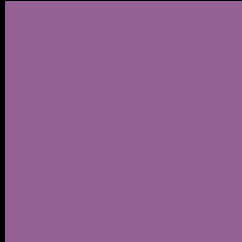
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6757, 16.9206, 29.3177 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 21.6757, 16.9206, 29.3177

Background



This preview shows how black text looks on a background with the XYZ color 21.6757, 16.9206, 29.3177.



This preview shows how white text looks on a background with the XYZ color 21.6757, 16.9206,

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

21.6757, 16.9206, 29.3177

Protanopia

17.4435, 17.0456, 34.7185

Deuteranopia

17.3076, 16.9510, 28.3463



Tritanopia

19.3765, 16.9998, 17.5893

Trichromacy



Original Color

21.6757, 16.9206, 29.3177

Protanomaly

18.5616, 16.7000, 32.8170

Deuteranomaly

18.6039, 16.8141, 28.6505

Tritanomaly

19.9688, 16.7823, 21.2556

Monochromacy



Original Color

21.6757, 16.9206, 29.3177

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.5255, 17.3775, 22.7999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6757, 16.9206, 29.3177 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(148, 97, 146)` looks like.

```
.text, #text, p{  
    color:rgb(148, 97, 146)  
}
```

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(148, 97, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 97, 146) }
```

Border

The CSS property to change the border of an element to XYZ 21.6757, 16.9206, 29.3177 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(148, 97, 146) }
```


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

```
.border{ border-color:rgb(148, 97, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 97, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 97, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 97, 146);  
box-shadow:4px 4px 4px 4px rgb(148, 97,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6757, 16.9206, 29.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 97, 146) }
```

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

```
.background{ background-color: rgb(148, 97,  
146) }
```

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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