

Converting Colors

XYZ(21.3835, 14.9259, 29.9875)

Have a look what the booklet for
XYZ(21.3835, 14.9259, 29.9875)
contains.

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Color

**XYZ(21.3910, 14.8799,
30.1785)**

Conversions

Conversions Part 1

Format	Color
Hex	985295
RGB	152, 82, 149
RGB Percent	60%, 32%, 58%
CMY	0.4039, 0.6784, 0.4157
CMYK	0.00, 0.46, 0.02, 0.40
HSL	303°, 30%, 46%
HSV	303°, 46%, 60%
XYZ	21.3910, 14.8799, 30.1785
YIQ	110.5680, 20.2130, 35.6770

Conversions

Conversions Part 2

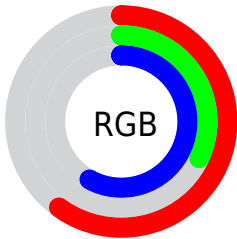
Format	Color
R _Y B	152, 82, 149
Decimal	9982613
CIE Lab	45.47, 39.18, -24.42
CIE LCh	45, 46.168, 328.069
Yxy	14.8799, 0.3219, 0.2239
Android (android.graphics.Color)	4288172693 (0xFF985295)
YUV	110.5680, 18.9470, 36.3359
Hunter-Lab	38.5745, 31.4797, -19.3830

Details

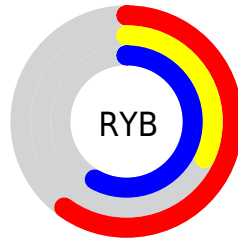
The XYZ color **21.3910, 14.8799, 30.1785** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.3482, 24.9067, 12.5410**, and the grayscale version is **14.9279, 15.7053, 17.1030**.

A 20% lighter version of the original color is **45.3170, 34.7719, 60.8231**, and **7.8667, 4.5675, 12.0223** is the 20% darker color. If you saturate the color by 10%, you get **20.3175, 12.8157, 29.5649**, and if you desaturate by 10%, it is **22.7197, 17.4534, 30.8789**.

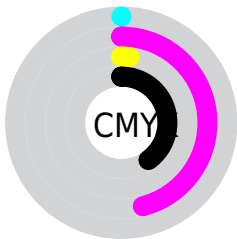
Distribution



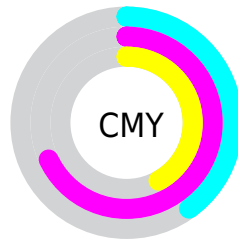
- Red (60%)
- Green (32%)
- Blue (58%)



- Red (60%)
- Yellow (32%)
- Blue (58%)



- Cyan (0%)
- Magenta (46%)
- Yellow (2%)
- Black (40%)



- Cyan (40%)
- Magenta (68%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3910, 14.8799, 30.1785 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 21.3910, 14.8799, 30.1785 by changing the saturation by 10% instead.

■ 21.3910, 14.8799,
30.1785

■ 21.3910, 14.8799,
30.1785

252.0418,
222.6381, 316.9688

■ 13.5242, 8.7351,
19.7209

■ 45.2238, 34.6424,
61.0087

■ 7.8700, 4.5688,
12.0103

■ 61.9204, 49.0288,
82.2184

■ 4.0630, 1.9966,
6.6281

■ 82.2911, 66.9313,
107.8492

■ 1.7378, 0.6055,
3.1557

■ 106.7011, 88.7343,
138.3196

■ 0.4798, 0.0000,
1.1747

■ 135.5158,
114.8220, 174.0483

■ 0.0000, 0.0000,
0.0000

169.1006,

145.5790, 215.4536

207.8208,
181.3896, 262.9543

■ 21.3910, 14.8799,
30.1785

■ 21.3910, 14.8799,
30.1785

■ 20.3175, 12.8157,
29.5649

■ 22.7197, 17.4534,
30.8789

■ 19.4808, 11.2248,
29.0315

■ 24.3174, 20.5649,
31.6703

■ 18.8623, 10.0698,
28.5722

■ 26.1989, 24.2436,
32.5577

■ 18.4400, 9.3069,
28.1798

■ 28.3775, 28.5157,
33.5456

■ 18.1826, 8.8731,
27.8438

■ 30.8653, 33.4061,
34.6380

■ 18.0974, 8.7348,
27.7170

■ 33.6741, 38.9379,
35.8389

■ 36.8150, 45.1334,
37.1519

■ 40.2985, 52.0136,
38.5805

■ 44.1346, 59.5986,
40.1282

Harmonies

Analogous

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



17.9147, 14.8799, 42.9863



21.3910, 14.8799, 30.1785



22.8933, 14.8799, 16.9256

Triad

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



21.3910, 14.8799, 30.1785



14.3935, 14.8799, 2.9164



8.5709, 14.8799, 28.3463

Complementary

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



21.3910, 14.8799, 30.1785



16.3482, 24.9067, 12.5410

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.



7.9660, 14.8799, 15.4987



21.3910, 14.8799, 30.1785



10.9416, 14.8799, 3.7800

Square

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



21.3910, 14.8799, 30.1785



18.4245, 14.8799, 4.0568



8.7506, 14.8799, 7.3851



10.5820, 14.8799, 41.6335

Rectangle

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



21.3910, 14.8799, 30.1785



22.4001, 14.8799, 10.4818



8.7506, 14.8799, 7.3851



8.2144, 14.8799, 23.6962

Sweetspot

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



21.3915, 14.8806, 30.1788



46.8880, 44.0549, 57.7638



12.3715, 10.2026, 31.0234



10.4924, 9.6906, 13.0531



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.



21.3915, 14.8806, 30.1788



35.8588, 22.6145, 52.1824



19.0421, 13.9408, 17.8072



6.4498, 6.3191, 7.7487



15.1771, 7.3251, 23.2555



0.2299, 0.1107, 0.3636

Inverse Universe

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



21.3915, 14.8806, 30.1788



35.8588, 22.6145, 52.1824



18.0583, 25.5908, 21.5463



6.4498, 6.3191, 7.7487



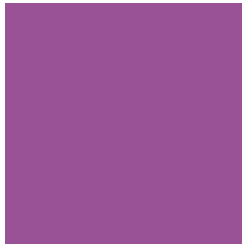
15.1771, 7.3251, 23.2555



0.2299, 0.1107, 0.3636

Previews

White Background



This preview shows how the XYZ color 21.3910, 14.8799, 30.1785 looks on a white background.

Color Contrast Check

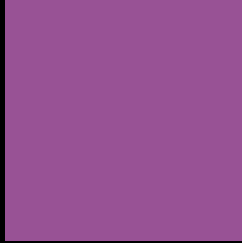
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3910, 14.8799, 30.1785 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 21.3910, 14.8799, 30.1785

Background



This preview shows how black text looks on a background with the XYZ color 21.3910, 14.8799, 30.1785.



This preview shows how white text looks on a background with the XYZ color 21.3910, 14.8799,

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

21.3910, 14.8799, 30.1785

Protanopia

16.0618, 15.1039, 39.6049

Deuteranopia

15.3019, 14.9491, 28.8670



Tritanopia

18.0687, 14.8598, 13.9725

Trichromacy



Original Color

21.3910, 14.8799, 30.1785

Protanomaly

17.1030, 14.4092, 36.0623

Deuteranomaly

16.9342, 14.4763, 29.0958

Tritanomaly

19.0551, 14.7487, 18.9820

Monochromacy



Original Color

21.3910, 14.8799, 30.1785

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.8630, 15.0306, 21.4145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3910, 14.8799, 30.1785 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(152, 82, 149)` looks like.

```
.text, #text, p{  
    color:rgb(152, 82, 149)  
}
```

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(152, 82, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 82, 149) }
```

Border

The CSS property to change the border of an element to XYZ 21.3910, 14.8799, 30.1785 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(152, 82, 149) }
```


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

```
.border{ border-color:rgb(152, 82, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 82, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 82, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 82, 149);  
box-shadow:4px 4px 4px 4px rgb(152, 82,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3910, 14.8799, 30.1785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 82, 149) }
```

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

```
.background{ background-color: rgb(152, 82,  
149) }
```

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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