

Converting Colors

XYZ(18.2251, 18.0592, 21.9208)

Have a look what the booklet for
XYZ(18.2251, 18.0592, 21.9208)
contains.

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Color

**XYZ(18.2899, 18.1021,
21.9321)**

Conversions

Conversions Part 1

Format	Color
Hex	7D737D
RGB	125, 115, 125
RGB Percent	49%, 45%, 49%
CMY	0.5098, 0.5490, 0.5098
CMYK	0.00, 0.08, 0.00, 0.51
HSL	300°, 4%, 47%
HSV	300°, 8%, 49%
XYZ	18.2899, 18.1021, 21.9321
YIQ	119.1300, 2.7500, 5.2300

Conversions

Conversions Part 2

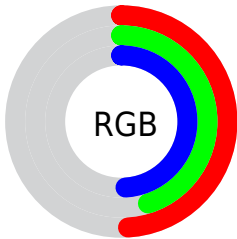
Format	Color
R_{YB}	125, 115, 125
Decimal	8221565
CIE Lab	49.62, 5.82, -4.10
CIE LCh	50, 7.121, 324.837
Yxy	18.1021, 0.3136, 0.3104
Android (android.graphics.Color)	4286411645 (0xFF7D737D)
YUV	119.1300, 2.8939, 5.1480
Hunter-Lab	42.5466, 2.2770, -0.7805

Details

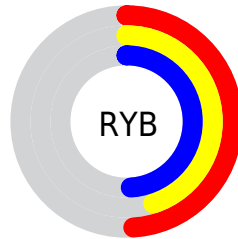
The XYZ color **18.2899, 18.1021, 21.9321** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.4991, 19.5505, 19.0720**, and the grayscale version is **17.5667, 18.4815, 20.1264**.

A 20% lighter version of the original color is **40.2147, 40.3168, 47.7819**, and **6.2922, 6.0726, 7.6780** is the 20% darker color. If you saturate the color by 10%, you get **16.9602, 15.4426, 21.4889**, and if you desaturate by 10%, it is **19.8139, 21.1498, 22.4406**.

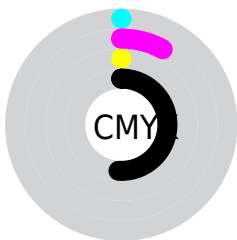
Distribution



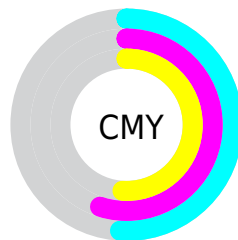
- Red (49%)
- Green (45%)
- Blue (49%)



- Red (49%)
- Yellow (45%)
- Blue (49%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (51%)



- Cyan (51%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2899, 18.1021, 21.9321 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 18.2899, 18.1021, 21.9321 by changing the saturation by 10% instead.

■ 18.2899, 18.1021,
21.9321

■ 18.2899, 18.1021,
21.9321

235.5141,
241.4459, 275.1334

■ 11.2593, 11.0233,
13.6092

■ 40.0569, 40.2112,
47.5345

■ 6.3101, 6.0825,
7.7137

■ 55.5240, 56.0104,
65.6511

■ 3.0770, 2.8953,
3.8272

■ 74.5340, 75.4851,
87.8692

■ 1.1946, 1.0773,
1.5310

■ 97.4521, 99.0197,
114.6076

■ 0.1021, 0.0000,
0.2409

124.6439,
126.9987, 146.2846

■ 0.0000, 0.0000,
0.0000

156.4746,

159.8065, 183.3189

193.3095,
197.8274, 226.1290

■ 18.2899, 18.1021,
21.9321

■ 18.2899, 18.1021,
21.9321

■ 16.9602, 15.4426,
21.4889

■ 19.8139, 21.1498,
22.4406

■ 15.8157, 13.1535,
21.1071

■ 21.5380, 24.5979,
23.0155

■ 14.8484, 11.2190,
20.7845

■ 23.4696, 28.4610,
23.6596

■ 14.0496, 9.6215,
20.5180

■ 25.6153, 32.7523,
24.3750

■ 13.4097, 8.3417,
20.3044

■ 27.9814, 37.4844,
25.1640

■ 12.9179, 7.3584,
20.1403

■ 30.5739, 42.6694,
26.0284

■ 12.5626, 6.6477,
20.0216

■ 33.3986, 48.3188,
26.9702

■ 12.3298, 6.1823,
19.9438

■ 36.4612, 54.4438,
27.9913

■ 12.1861, 5.8949,
19.8956

■ 39.7670, 61.0553,
29.0934

Harmonies

Analogous

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



17.7571, 18.1021, 23.2842



18.2899, 18.1021, 21.9321



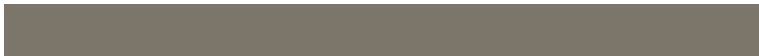
18.5325, 18.1021, 20.0469

Triad

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



18.2899, 18.1021, 21.9321



17.3227, 18.1021, 16.2310



16.0529, 18.1021, 21.3151

Complementary

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



18.2899, 18.1021, 21.9321



17.4991, 19.5505, 19.0720

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.



15.9434, 18.1021, 19.3771



18.2899, 18.1021, 21.9321



16.6654, 18.1021, 16.5219

Square

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



18.2899, 18.1021, 21.9321



17.9648, 18.1021, 16.8214



16.1648, 18.1021, 17.6435



16.4679, 18.1021, 22.9119

Rectangle

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



18.2899, 18.1021, 21.9321



18.4925, 18.1021, 18.7724



16.1648, 18.1021, 17.6435



15.9796, 18.1021, 20.6786

Sweetspot

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



18.2904, 18.1029, 21.9325



34.3337, 35.5786, 39.8020



16.9034, 17.3879, 21.8678



7.8191, 8.1117, 9.0567



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



18.2904, 18.1029, 21.9325



32.1890, 31.2893, 39.0868



17.9790, 17.9783, 20.2925



4.4982, 4.4124, 5.4278



12.6900, 6.0957, 20.7551



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.2904, 18.1029, 21.9325



32.1890, 31.2893, 39.0868



17.7947, 19.6687, 20.6285



4.4982, 4.4124, 5.4278



12.6900, 6.0957, 20.7551



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.2899, 18.1021, 21.9321 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 18.2899, 18.1021, 21.9321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

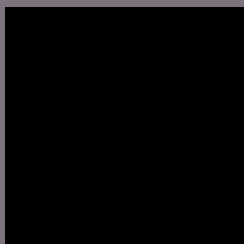
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.2899, 18.1021, 21.9321

Background



This preview shows how black text looks on a background with the XYZ color 18.2899, 18.1021, 21.9321.



This preview shows how white text looks on a background with the XYZ color 18.2899, 18.1021,

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

18.2899, 18.1021, 21.9321

Protanopia

17.5984, 18.0805, 22.3010

Deuteranopia

18.4366, 18.1778, 21.9390



Tritanopia

18.2263, 18.0767, 21.5973

Trichromacy



Original Color

18.2899, 18.1021, 21.9321

Protanomaly

17.8964, 18.0621, 22.2818

Deuteranomaly

18.4366, 18.1778, 21.9390

Tritanomaly

18.2263, 18.0767, 21.5973

Monochromacy



Original Color

18.2899, 18.1021, 21.9321

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.8148, 18.4023, 20.7022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2899, 18.1021, 21.9321 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(125, 115, 125)` looks like.

```
.text, #text, p{  
    color:rgb(125, 115, 125)  
}
```

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(125, 115, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 115, 125) }
```

Border

The CSS property to change the border of an element to XYZ 18.2899, 18.1021, 21.9321 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(125, 115, 125) }
```


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

```
.border{ border-color:rgb(125, 115, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 115, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 115, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 115, 125);  
box-shadow:4px 4px 4px 4px rgb(125, 115,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2899, 18.1021, 21.9321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 115, 125) }
```

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

```
.background{ background-color: rgb(125,  
115, 125) }
```

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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