

Converting Colors

XYZ(18.2849, 18.6231, 21.6997)

Have a look what the booklet for
XYZ(18.2849, 18.6231, 21.6997)
contains.

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Color

**XYZ(18.2849, 18.6231,
21.6997)**

Conversions

Conversions Part 1

Format	Color
Hex	7B767C
RGB	123, 118, 124
RGB Percent	48%, 46%, 49%
CMY	0.5176, 0.5372, 0.5137
CMYK	0.01, 0.05, 0.00, 0.51
HSL	290°, 2%, 47%
HSV	290°, 5%, 49%
XYZ	18.2849, 18.6231, 21.6997
YIQ	120.1790, 1.0540, 2.9260

Conversions

Conversions Part 2

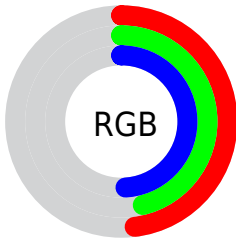
Format	Color
R_{YB}	123, 118, 124
Decimal	8091260
CIE Lab	50.24, 3.11, -2.61
CIE LCh	50, 4.058, 319.968
Yxy	18.6231, 0.3120, 0.3178
Android (android.graphics.Color)	4286281340 (0xFF7B767C)
YUV	120.1790, 1.8838, 2.4740
Hunter-Lab	43.1545, 0.1115, 0.3949

Details

The XYZ color **18.2849, 18.6231, 21.6997** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.0862, 19.6458, 19.9793**, and the grayscale version is **17.9043, 18.8367, 20.5132**.

A 20% lighter version of the original color is **39.8904, 40.9980, 46.8853**, and **6.2842, 6.3442, 7.5499** is the 20% darker color. If you saturate the color by 10%, you get **16.6271, 15.7418, 21.2312**, and if you desaturate by 10%, it is **20.1420, 21.8932, 22.2333**.

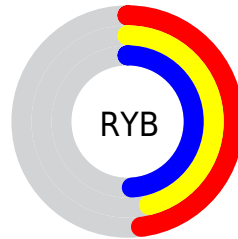
Distribution



Red (48%)

Green (46%)

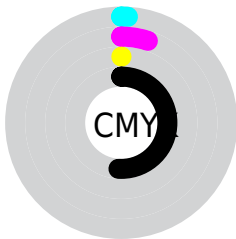
Blue (49%)



Red (48%)

Yellow (46%)

Blue (49%)

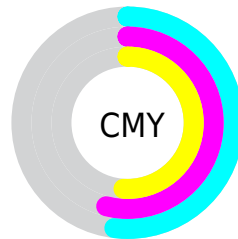


Cyan (1%)

Magenta (5%)

Yellow (0%)

Black (51%)



Cyan (52%)

Magenta (54%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2849, 18.6231, 21.6997 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 18.2849, 18.6231, 21.6997 by changing the saturation by 10% instead.

■ 18.2849, 18.6231,
21.6997

■ 18.2849, 18.6231,
21.6997

235.4867,
244.3601, 273.8762

■ 11.2556, 11.3983,
13.4402

■ 40.0485, 41.0962,
47.1450

■ 6.3076, 6.3354,
7.5981

■ 55.5135, 57.1133,
65.1678

■ 3.0754, 3.0501,
3.7548

■ 74.5212, 76.8300,
87.2822

■ 1.1938, 1.1579,
1.4918

97.4369, 100.6306,
113.9067

■ 0.1015, 0.0269,
0.2118

124.6259,
128.8995, 145.4598

■ 0.0000, 0.0000,
0.0000

156.4536,

162.0211, 182.3600

193.2854,
200.3798, 225.0260

■ 18.2849, 18.6231,
21.6997

■ 18.2849, 18.6231,
21.6997

■ 16.6271, 15.7418,
21.2312

■ 20.1420, 21.8932,
22.2333

■ 15.1595, 13.2320,
20.8241

■ 22.2039, 25.5638,
22.8331

■ 13.8747, 11.0787,
20.4762

■ 24.4778, 29.6490,
23.5018

■ 12.7643, 9.2649,
20.1846

■ 26.9701, 34.1615,
24.2414

■ 11.8189, 7.7721,
19.9463

■ 29.6870, 39.1136,
25.0541

■ 11.0284, 6.5803,
19.7579

■ 32.6342, 44.5170,
25.9417

■ 10.3817, 5.6670,
19.6157

■ 35.8175, 50.3829,
26.9062

■ 9.8659, 5.0065,
19.5154

■ 39.2424, 56.7222,
27.9493

■ 9.4617, 4.5606,
19.4507

■ 42.9140, 63.5454,
29.0728

Harmonies

Analogous

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



17.9597, 18.6231, 22.3775



18.2849, 18.6231, 21.6997



18.4543, 18.6231, 20.6562

Triad

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



18.2849, 18.6231, 21.6997



17.8325, 18.6231, 18.2225



17.0008, 18.6231, 21.0245

Complementary

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



18.2849, 18.6231, 21.6997



18.0862, 19.6458, 19.9793

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.



16.9679, 18.6231, 19.9032



18.2849, 18.6231, 21.6997



17.4442, 18.6231, 18.3129

Square

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



18.2849, 18.6231, 21.6997



18.1906, 18.6231, 18.6670



17.1291, 18.6231, 18.9186



17.2197, 18.6231, 21.9779

Rectangle

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



18.2849, 18.6231, 21.6997



18.4545, 18.6231, 19.9055



17.1291, 18.6231, 18.9186



16.9677, 18.6231, 20.6539

Sweetspot

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



18.2854, 18.6239, 21.7001



33.3815, 34.8851, 38.5307



17.7189, 18.5252, 21.7109



7.8674, 8.2258, 9.0762



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.



18.2854, 18.6239, 21.7001



31.7771, 32.0729, 38.0725



18.3103, 18.6505, 21.0802



4.1996, 4.2329, 5.0389



9.4203, 4.4291, 19.7437



44.3192, 20.8094, 94.1505

Inverse Universe

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



18.1211, 18.5748, 20.0841



31.4142, 31.9648, 34.4862



18.0637, 19.6210, 20.5735



4.1501, 4.2182, 4.5493



8.5840, 4.4098, 1.1004



40.7278, 20.9475, 4.0969

Previews

White Background



This preview shows how the XYZ color 18.2849, 18.6231, 21.6997 looks on a white 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

Black Background



This preview shows how the XYZ color 18.2849, 18.6231, 21.6997 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

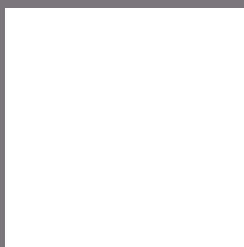
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.2849, 18.6231, 21.6997

Background



This preview shows how black text looks on a background with the XYZ color 18.2849, 18.6231, 21.6997.



This preview shows how white text looks on a background with the XYZ color 18.2849, 18.6231,

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

18.2849, 18.6231, 21.6997

Protanopia

18.0442, 18.6674, 22.0542

Deuteranopia

18.9367, 18.6131, 21.6634



Tritanopia

18.4776, 18.7001, 22.7143

Trichromacy

**Original Color**

18.2849, 18.6231, 21.6997

Protanomaly

18.1837, 18.7393, 22.0607

Deuteranomaly

18.7518, 18.6898, 21.6880

Tritanomaly

18.4127, 18.6742, 22.3727

Monochromacy

**Original Color**

18.2849, 18.6231, 21.6997

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.9332, 18.6391, 20.7417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2849, 18.6231, 21.6997 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(123, 118, 124) looks like.

```
.text, #text, p{  
    color:rgb(123, 118, 124)  
}
```

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(123, 118, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 118, 124) }
```

Border

The CSS property to change the border of an element to XYZ 18.2849, 18.6231, 21.6997 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(123, 118, 124) }
```


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

```
.border{ border-color:rgb(123, 118, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 118, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 118, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 118, 124);  
box-shadow:4px 4px 4px 4px rgb(123, 118,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2849, 18.6231, 21.6997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 118, 124) }
```

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

```
.background{ background-color: rgb(123,  
118, 124) }
```

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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