

Converting Colors

XYZ(17.5845, 16.2711, 21.1954)

Have a look what the booklet for
XYZ(17.5845, 16.2711, 21.1954)
contains.

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Color

**XYZ(17.6942, 16.3525,
21.2925)**

Conversions

Conversions Part 1

Format	Color
Hex	806A7C
RGB	128, 106, 124
RGB Percent	50%, 42%, 49%
CMY	0.4980, 0.5843, 0.5137
CMYK	0.00, 0.17, 0.03, 0.50
HSL	311°, 9%, 46%
HSV	311°, 17%, 50%
XYZ	17.6942, 16.3525, 21.2925
YIQ	114.6300, 7.3340, 10.2620

Conversions

Conversions Part 2

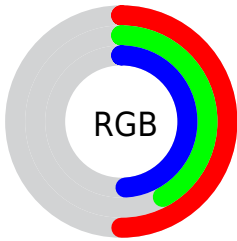
Format	Color
R_{YB}	128, 106, 124
Decimal	8415868
CIE Lab	47.43, 12.08, -6.72
CIE LCh	47, 13.819, 330.908
Yxy	16.3525, 0.3197, 0.2955
Android (android.graphics.Color)	4286605948 (0xFF806A7C)
YUV	114.6300, 4.6194, 11.7255
Hunter-Lab	40.4382, 7.3378, -2.9120

Details

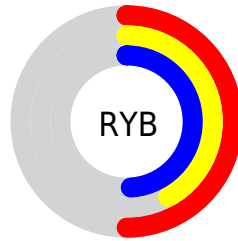
The XYZ color **17.6942, 16.3525, 21.2925** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.4781, 19.6288, 17.6730**, and the grayscale version is **16.1691, 17.0112, 18.5251**.

A 20% lighter version of the original color is **39.0488, 37.1120, 46.7002**, and **6.0584, 5.2982, 7.3600** is the 20% darker color. If you saturate the color by 10%, you get **16.3270, 13.8507, 20.1192**, and if you desaturate by 10%, it is **19.2627, 19.2510, 22.5504**.

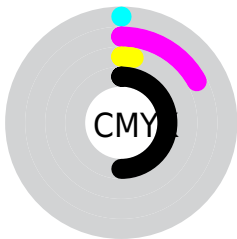
Distribution



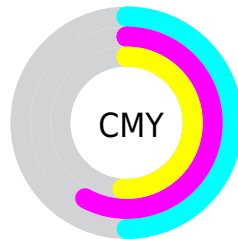
- Red (50%)
- Green (42%)
- Blue (49%)



- Red (50%)
- Yellow (42%)
- Blue (49%)



- Cyan (0%)
- Magenta (17%)
- Yellow (3%)
- Black (50%)



- Cyan (50%)
- Magenta (58%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6942, 16.3525, 21.2925 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 17.6942, 16.3525, 21.2925 by changing the saturation by 10% instead.

■ 17.6942, 16.3525,
21.2925

■ 17.6942, 16.3525,
21.2925

232.2208,
231.4129, 271.6608

■ 10.8290, 9.7739,
13.1447

■ 39.0497, 37.2091,
46.4609

■ 6.0184, 5.2493,
7.3963

■ 54.2708, 52.2559,
64.3186

■ 2.8971, 2.3943,
3.6290

■ 73.0079, 70.8942,
86.2499

■ 1.0996, 0.8229,
1.4241

■ 95.6263, 93.5085,
112.6735

■ 0.0247, 0.0000,
0.1604

122.4915,
120.4831, 144.0078

■ 0.0000, 0.0000,
0.0000

153.9687,

152.2025, 180.6715

190.4233,
189.0509, 223.0830

■ 17.6942, 16.3525,
21.2925

■ 17.6942, 16.3525,
21.2925

■ 16.3270, 13.8507,
20.1192

■ 19.2627, 19.2510,
22.5504

■ 15.1510, 11.7260,
19.0265

■ 21.0394, 22.5602,
23.8948

■ 14.1573, 9.9604,
18.0115

■ 23.0323, 26.2964,
25.3286

■ 13.3357, 8.5336,
17.0706

■ 25.2488, 30.4742,
26.8545

■ 12.6751, 7.4233,
16.2000

■ 27.6959, 35.1073,
28.4748

■ 12.1629, 6.6045,
15.3955

■ 30.3802, 40.2093,
30.1919

■ 11.7847, 6.0484,
14.6521

■ 33.3082, 45.7927,
32.0081

■ 11.5107, 5.6952,
13.9597

■ 36.4859, 51.8698,
33.9254

■ 11.4379, 5.6035,
13.7692

■ 39.9194, 58.4526,
35.9461

Harmonies

Analogous

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



16.7848, 16.3525, 24.2465



17.6942, 16.3525, 21.2925



18.0200, 16.3525, 17.6984

Triad

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



17.6942, 16.3525, 21.2925



15.5053, 16.3525, 11.8733



13.6070, 16.3525, 21.5018

Complementary

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



17.6942, 16.3525, 21.2925



16.4781, 19.6288, 17.6730

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.



13.3033, 16.3525, 17.9122



17.6942, 16.3525, 21.2925



14.3632, 16.3525, 12.6193

Square

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



17.6942, 16.3525, 21.2925



16.7168, 16.3525, 12.5345



13.5728, 16.3525, 14.7209



14.4246, 16.3525, 24.3781

Rectangle

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



17.6942, 16.3525, 21.2925



17.8496, 16.3525, 15.5035



13.5728, 16.3525, 14.7209



13.4434, 16.3525, 20.3239

Sweetspot

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



17.6947, 16.3532, 21.2929



34.5317, 35.0399, 40.1805



15.4400, 15.1611, 22.5349



8.0432, 8.1264, 9.3753



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.6947, 16.3532, 21.2929



30.0767, 26.8150, 36.5831



17.0561, 16.0978, 17.9303



4.4657, 4.3994, 5.2567



11.3418, 5.5564, 13.6554



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.6947, 16.3532, 21.2929



30.0767, 26.8150, 36.5831



17.0944, 19.8752, 20.9180



4.4657, 4.3994, 5.2567



11.3418, 5.5564, 13.6554



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.6942, 16.3525, 21.2925 looks on a white background.

Color Contrast Check

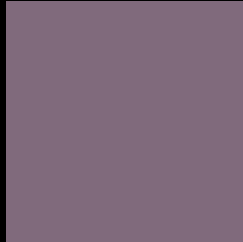
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6942, 16.3525, 21.2925 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 17.6942, 16.3525, 21.2925

Background



This preview shows how black text looks on a background with the XYZ color 17.6942, 16.3525, 21.2925.



This preview shows how white text looks on a background with the XYZ color 17.6942, 16.3525,

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

17.6942, 16.3525, 21.2925

Protanopia

16.1209, 16.4619, 22.7499

Deuteranopia

16.7588, 16.5039, 21.0412



Tritanopia

17.1625, 16.2884, 18.7624

Trichromacy



Original Color

17.6942, 16.3525, 21.2925

Protanomaly

16.7428, 16.4661, 22.3745

Deuteranomaly

17.0698, 16.5049, 21.0250

Tritanomaly

17.3399, 16.3593, 19.6965

Monochromacy



Original Color

17.6942, 16.3525, 21.2925

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.8099, 16.8894, 19.5135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6942, 16.3525, 21.2925 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(128, 106, 124)` looks like.

```
.text, #text, p{  
    color:rgb(128, 106, 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(128, 106, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 106, 124) }
```

Border

The CSS property to change the border of an element to XYZ 17.6942, 16.3525, 21.2925 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(128, 106, 124) }
```


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

```
.border{ border-color:rgb(128, 106, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 106, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 106, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 106, 124);  
box-shadow:4px 4px 4px 4px rgb(128, 106,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6942, 16.3525, 21.2925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 106, 124) }
```

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

```
.background{ background-color: rgb(128,  
106, 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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