

Converting Colors

XYZ(16.0519, 21.4722, 16.6631)

Have a look what the booklet for
XYZ(16.0519, 21.4722, 16.6631)
contains.

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Color

**XYZ(16.0519, 21.4722,
16.6631)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8A69
RGB	92, 138, 105
RGB Percent	36%, 54%, 41%
CMY	0.6392, 0.4588, 0.5882
CMYK	0.33, 0.00, 0.24, 0.46
HSL	137°, 20%, 45%
HSV	137°, 33%, 54%
XYZ	16.0519, 21.4722, 16.6631
YIQ	120.4840, -16.8230, -20.0150

Conversions

Conversions Part 2

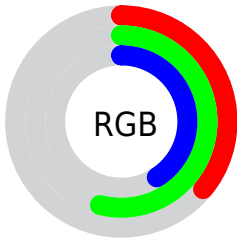
Format	Color
RYB	92, 128, 138
Decimal	6064745
CIELab	53.46, -23.03, 12.78
CIElCh	53, 26.342, 150.966
Yxy	21.4722, 0.2962, 0.3963
Android (android.graphics.Color)	4284254825 (0xFF5C8A69)
YUV	120.4840, -7.6336, -24.9805
Hunter-Lab	46.3381, -19.2578, 11.1161

Details

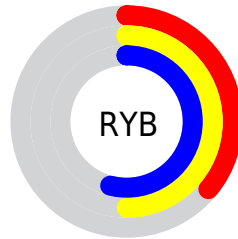
The XYZ color **16.0519, 21.4722, 16.6631** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.0108, 14.5387, 21.2599**, and the grayscale version is **18.0358, 18.9751, 20.6638**.

A 20% lighter version of the original color is **36.3520, 46.0289, 38.4210**, and **5.2497, 7.7985, 5.2316** is the 20% darker color. If you saturate the color by 10%, you get **14.3174, 20.6340, 14.0787**, and if you desaturate by 10%, it is **18.0980, 22.4653, 19.5723**.

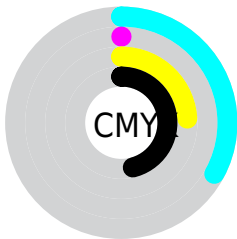
Distribution



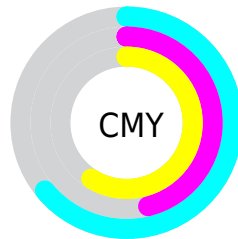
- Red (36%)
- Green (54%)
- Blue (41%)



- Red (36%)
- Yellow (50%)
- Blue (54%)



- Cyan (33%)
- Magenta (0%)
- Yellow (24%)
- Black (46%)



- Cyan (64%)
- Magenta (46%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0519, 21.4722, 16.6631 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 16.0519, 21.4722, 16.6631 by changing the saturation by 10% instead.

■ 16.0519, 21.4722,
16.6631

■ 16.0519, 21.4722,
16.6631

222.9121,
259.7774, 245.2012

■ 9.6520, 13.4696,
9.8352

■ 36.2450, 45.8721,
38.5283

■ 5.2293, 7.7527,
5.1856

■ 50.7689, 63.0382,
54.4026

■ 2.4186, 3.9371,
2.2960

■ 68.7314, 84.0275,
74.1295

■ 0.8544, 1.6384,
0.7289

■ 90.4981, 109.2246,
98.1275

■ 0.0000, 0.3833,
0.0000

116.4341,
139.0137, 126.8152

■ 0.0000, 0.0000,
0.0000

146.9049,

173.7793, 160.6110

182.2758,
213.9057, 199.9335

■ 16.0519, 21.4722,
16.6631

■ 16.0519, 21.4722,
16.6631

■ 14.3174, 20.6340,
14.0787

■ 18.0980, 22.4653,
19.5723

■ 12.8770, 19.9403,
11.8063

■ 20.4685, 23.6180,
22.8156

■ 11.7144, 19.3834,
9.8346

■ 23.1775, 24.9380,
26.4037

■ 10.8104, 18.9537,
8.1507

■ 26.2380, 26.4316,
30.3465

■ 10.1439, 18.6406,
6.7409

■ 29.6620, 28.1050,
34.6532

■ 9.6893, 18.4313,
5.5905

■ 33.4611, 29.9638,
39.3330

■ 9.4551, 18.3243,
4.9581

■ 37.6463, 32.0137,
44.3946

■ 42.2283, 34.2599,
49.8464

■ 47.2172, 36.7074,
55.6966

Harmonies

Analogous

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



17.7606, 21.4722, 12.4892



16.0519, 21.4722, 16.6631



15.4826, 21.4722, 23.6406

Triad

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



16.0519, 21.4722, 16.6631



20.4996, 21.4722, 42.4456



25.3849, 21.4722, 16.3063

Complementary

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



16.0519, 21.4722, 16.6631



18.0108, 14.5387, 21.2599

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.



26.2823, 21.4722, 23.1205



16.0519, 21.4722, 16.6631



23.3077, 21.4722, 39.2598

Square

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



16.0519, 21.4722, 16.6631



17.9044, 21.4722, 39.6283



25.4901, 21.4722, 31.6946



23.1363, 21.4722, 12.3188

Rectangle

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



16.0519, 21.4722, 16.6631



15.7805, 21.4722, 29.3454



25.4901, 21.4722, 31.6946



25.8634, 21.4722, 18.2826

Sweetspot

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



16.0525, 21.4731, 16.6636



37.5025, 42.3229, 42.1222



19.5860, 23.3661, 13.6032



8.2861, 9.4317, 9.2802



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



16.0525, 21.4731, 16.6636



25.9444, 36.7117, 25.8924



17.3509, 21.9925, 23.5012



5.0262, 5.6300, 5.6590



8.6743, 16.8023, 4.5755



0.0633, 0.1139, 0.0600

Inverse Universe

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



18.0108, 14.5387, 21.2599



29.9425, 22.5402, 35.2659



16.7438, 14.0319, 14.5882



5.1746, 5.1053, 6.0078



11.6812, 5.7826, 11.3572



0.0839, 0.0409, 0.1085

Previews

White Background



This preview shows how the XYZ color 16.0519, 21.4722, 16.6631 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 16.0519, 21.4722, 16.6631 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 16.0519, 21.4722, 16.6631

Background



This preview shows how black text looks on a background with the XYZ color 16.0519, 21.4722, 16.6631.



This preview shows how white text looks on a background with the XYZ color 16.0519, 21.4722,

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

16.0519, 21.4722, 16.6631

Protanopia

19.8813, 21.2497, 15.1103

Deuteranopia

21.5204, 21.1128, 17.1283



Tritanopia

18.6771, 21.4980, 29.5507

Trichromacy



Original Color

16.0519, 21.4722, 16.6631

Protanomaly

18.1223, 21.1138, 15.6906

Deuteranomaly

18.9772, 20.9355, 16.9507

Tritanomaly

17.6230, 21.4810, 24.3365

Monochromacy



Original Color

16.0519, 21.4722, 16.6631

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.1143, 19.7315, 19.1262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0519, 21.4722, 16.6631 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(92, 138, 105)` looks like.

```
.text, #text, p{  
    color:rgb(92, 138, 105)  
}
```

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(92, 138, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 138, 105) }
```

Border

The CSS property to change the border of an element to XYZ 16.0519, 21.4722, 16.6631 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(92, 138, 105) }
```


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

```
.border{ border-color:rgb(92, 138, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 138, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 138, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 138, 105);  
box-shadow:4px 4px 4px 4px rgb(92, 138,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0519, 21.4722, 16.6631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 138, 105) }
```

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

```
.background{ background-color: rgb(92, 138,  
105) }
```

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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