

Converting Colors

XYZ(16.1439, 18.9822, 21.7341)

Have a look what the booklet for
XYZ(16.1439, 18.9822, 21.7341)
contains.

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Color

**XYZ(16.1359, 18.9736,
21.8806)**

Conversions

Conversions Part 1

Format	Color
Hex	627E7C
RGB	98, 126, 124
RGB Percent	38%, 49%, 49%
CMY	0.6157, 0.5059, 0.5137
CMYK	0.22, 0.00, 0.02, 0.51
HSL	176°, 13%, 44%
HSV	176°, 22%, 49%
XYZ	16.1359, 18.9736, 21.8806
YIQ	117.4000, -16.0460, -6.5580

Conversions

Conversions Part 2

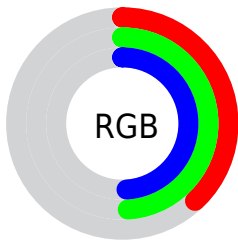
Format	Color
R_{YB}	98, 113, 126
Decimal	6454908
CIE _{Lab}	50.66, -10.46, -2.22
CIE _{LCh}	51, 10.689, 191.998
Yxy	18.9736, 0.2831, 0.3329
Android (android.graphics.Color)	4284644988 (0xFF627E7C)
YUV	117.4000, 3.2538, -17.0138
Hunter-Lab	43.5587, -10.1041, 0.7083

Details

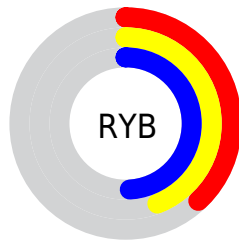
The XYZ color **16.1359, 18.9736, 21.8806** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.2727, 14.0915, 13.9722**, and the grayscale version is **17.0268, 17.9136, 19.5079**.

A 20% lighter version of the original color is **36.3510, 41.7643, 47.2197**, and **5.2393, 6.4939, 7.6339** is the 20% darker color. If you saturate the color by 10%, you get **14.8254, 18.3051, 21.5236**, and if you desaturate by 10%, it is **17.6621, 19.7542, 22.2512**.

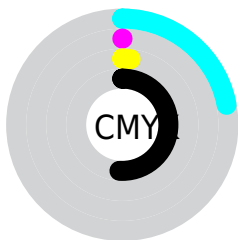
Distribution



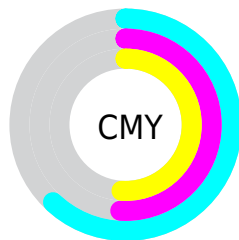
- Red (38%)
- Green (49%)
- Blue (49%)



- Red (38%)
- Yellow (44%)
- Blue (49%)



- Cyan (22%)
- Magenta (0%)
- Yellow (2%)
- Black (51%)



- Cyan (62%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1359, 18.9736, 21.8806 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 16.1359, 18.9736, 21.8806 by changing the saturation by 10% instead.

■ 16.1359, 18.9736,
21.8806

■ 16.1359, 18.9736,
21.8806

223.3970,
246.3030, 274.8552

■ 9.7118, 11.6512,
13.5717

■ 36.3895, 41.6895,
47.4482

■ 5.2691, 6.5066,
7.6881

■ 50.9498, 57.8518,
65.5441

■ 2.4424, 3.1555,
3.8111

■ 68.9528, 77.7295,
87.7393

■ 0.8663, 1.2135,
1.5223

■ 90.7640, 101.7070,
114.4524

■ 0.0000, 0.0727,
0.2345

116.7486,
130.1687, 146.1021

■ 0.0000, 0.0000,
0.0000

147.2721,

163.4990, 183.1067

182.6997,
202.0823, 225.8849

■ 16.1359, 18.9736,
21.8806

■ 16.1359, 18.9736,
21.8806

■ 14.8254, 18.3051,
21.5236

■ 17.6621, 19.7542,
22.2512

■ 13.7190, 17.7412,
21.1785

■ 19.4116, 20.6495,
22.6345

■ 12.8063, 17.2771,
20.8452

■ 21.3938, 21.6646,
23.0315

■ 12.0757, 16.9068,
20.5231

■ 23.6170, 22.8040,
23.4425

■ 11.5140, 16.6236,
20.2115

■ 26.0892, 24.0715,
23.8679

■ 11.1065, 16.4198,
19.9099

■ 28.8178, 25.4713,
24.3081

■ 10.8358, 16.2864,
19.6173

■ 31.8101, 27.0069,
24.7633

■ 10.6718, 16.2066,
19.3938

■ 35.0729, 28.6819,
25.2340

■ 38.6131, 30.4998,
25.7204

Harmonies

Analogous

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



16.1866, 18.9736, 18.9283



16.1359, 18.9736, 21.8806



16.5791, 18.9736, 24.7609

Triad

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



16.1359, 18.9736, 21.8806



19.4143, 18.9736, 25.2457



18.6630, 18.9736, 15.6476

Complementary

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



16.1359, 18.9736, 21.8806



15.2727, 14.0915, 13.9722

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.



19.5713, 18.9736, 17.0372



16.1359, 18.9736, 21.8806



20.0165, 18.9736, 22.4921

Square

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



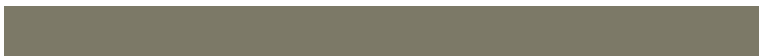
16.1359, 18.9736, 21.8806



18.4555, 18.9736, 26.8257



20.0751, 18.9736, 19.4838



17.6187, 18.9736, 15.5182

Rectangle

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



16.1359, 18.9736, 21.8806



17.1053, 18.9736, 26.1778



20.0751, 18.9736, 19.4838



18.9954, 18.9736, 15.9761

Sweetspot

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



16.1364, 18.9744, 21.8810



32.5955, 35.5416, 39.5036



14.9584, 18.5327, 14.3443



7.3847, 8.0693, 8.9791



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.



16.1364, 18.9744, 21.8810



27.1087, 32.7369, 38.1707



14.8584, 16.2136, 22.0860



4.4336, 4.8818, 5.4545



10.9471, 16.6254, 19.8919



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.2727, 14.0915, 13.9722



25.2889, 22.4459, 21.5050



16.3494, 16.3981, 13.8589



4.3393, 4.3489, 4.5912



8.8770, 4.5705, 0.6761



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.1359, 18.9736, 21.8806 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 16.1359, 18.9736, 21.8806 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 16.1359, 18.9736, 21.8806

Background



This preview shows how black text looks on a background with the XYZ color 16.1359, 18.9736, 21.8806.



This preview shows how white text looks on a background with the XYZ color 16.1359, 18.9736,

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

16.1359, 18.9736, 21.8806

Protanopia

18.1327, 18.9266, 20.4668

Deuteranopia

19.1804, 18.8961, 22.3750



Tritanopia

16.7663, 18.8459, 25.3082

Trichromacy



Original Color

16.1359, 18.9736, 21.8806

Protanomaly

17.2208, 18.8103, 20.8123

Deuteranomaly

17.8894, 18.7652, 22.0812

Tritanomaly

16.5085, 18.9316, 23.9032

Monochromacy



Original Color

16.1359, 18.9736, 21.8806

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.5370, 18.1040, 20.3921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1359, 18.9736, 21.8806 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(98, 126, 124) looks like.

```
.text, #text, p{  
    color:rgb(98, 126, 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(98, 126, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 126, 124) }
```

Border

The CSS property to change the border of an element to XYZ 16.1359, 18.9736, 21.8806 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(98, 126, 124) }
```


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

```
.border{ border-color:rgb(98, 126, 124) }
```

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

Here you see how a box with a 4 pixel rgb(98, 126, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 126, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 126, 124);  
box-shadow:4px 4px 4px 4px rgb(98, 126,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1359, 18.9736, 21.8806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 126, 124) }
```

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

```
.background{ background-color: rgb(98, 126,  
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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