

Converting Colors

XYZ(16.2852, 18.1756, 21.0326)

Have a look what the booklet for
XYZ(16.2852, 18.1756, 21.0326)
contains.

XYZ(16.2941, 18.1441, 21.0557)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.2941, 18.1441,
21.0557)**

Conversions

Conversions Part 1

Format	Color
Hex	6A797A
RGB	106, 121, 122
RGB Percent	42%, 47%, 48%
CMY	0.5843, 0.5255, 0.5216
CMYK	0.13, 0.01, 0.00, 0.52
HSL	184°, 7%, 45%
HSV	184°, 13%, 48%
XYZ	16.2941, 18.1441, 21.0557
YIQ	116.6290, -9.2610, -2.8690

Conversions

Conversions Part 2

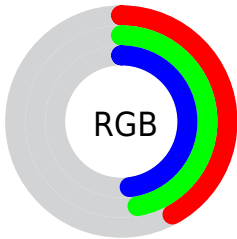
Format	Color
R_{YB}	106, 114, 122
Decimal	6977914
CIE Lab	49.67, -5.30, -2.43
CIE LCh	50, 5.834, 204.622
Yxy	18.1441, 0.2936, 0.3270
Android (android.graphics.Color)	4285167994 (0xFF6A797A)
YUV	116.6290, 2.6479, -9.3216
Hunter-Lab	42.5959, -6.2617, 0.5093

Details

The XYZ color **16.2941, 18.1441, 21.0557** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.8853, 15.6935, 15.8279**, and the grayscale version is **16.7884, 17.6627, 19.2347**.

A 20% lighter version of the original color is **36.4882, 40.1112, 45.8635**, and **5.3888, 6.1759, 7.2114** is the 20% darker color. If you saturate the color by 10%, you get **14.8542, 17.2656, 20.9623**, and if you desaturate by 10%, it is **17.9420, 19.1320, 21.1598**.

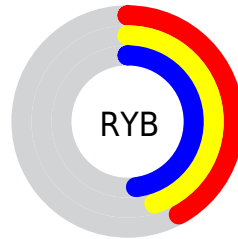
Distribution



Red (42%)

Green (47%)

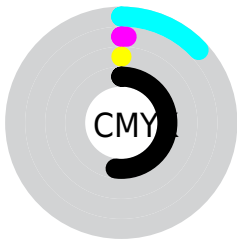
Blue (48%)



Red (42%)

Yellow (45%)

Blue (48%)

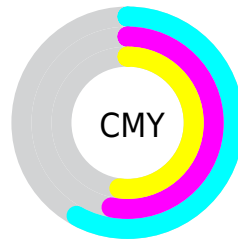


Cyan (13%)

Magenta (1%)

Yellow (0%)

Black (52%)



Cyan (58%)

Magenta (53%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2941, 18.1441, 21.0557 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 16.2941, 18.1441, 21.0557 by changing the saturation by 10% instead.

■ 16.2941, 18.1441,
21.0557

■ 16.2941, 18.1441,
21.0557

224.3074,
241.6820, 270.3651

■ 9.8247, 11.0535,
12.9731

■ 36.6614, 40.2827,
46.0622

■ 5.3442, 6.1028,
7.2795

■ 51.2899, 56.0995,
63.8232

■ 2.4874, 2.9077,
3.5564

■ 69.3689, 75.5938,
85.6474

■ 0.8889, 1.0837,
1.3853

■ 91.2636, 99.1501,
111.9533

■ 0.0000, 0.0000,
0.1302

117.3395,
127.1526, 143.1595

■ 0.0000, 0.0000,
0.0000

147.9618,

159.9858, 179.6845

183.4960,
198.0342, 221.9469

■ 16.2941, 18.1441,
21.0557

■ 16.2941, 18.1441,
21.0557

■ 14.8542, 17.2656,
20.9623

■ 17.9420, 19.1320,
21.1598

■ 13.6122, 16.4896,
20.8780

■ 19.8046, 20.2311,
21.2738

■ 12.5593, 15.8122,
20.8027

■ 21.8902, 21.4462,
21.3984

■ 11.6854, 15.2282,
20.7361

■ 24.2059, 22.7811,
21.5340

■ 10.9796, 14.7319,
20.6775

■ 26.7588, 24.2393,
21.6809

■ 10.4297, 14.3171,
20.6264

■ 29.5557, 25.8245,
21.8395

■ 10.0219, 13.9766,
20.5822

■ 32.6030, 27.5397,
22.0100

■ 9.7392, 13.7016,
20.5440

■ 35.9068, 29.3884,
22.1926

■ 9.5745, 13.5284,
20.5192

■ 39.4731, 31.3735,
22.3878

Harmonies

Analogous

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



16.2054, 18.1441, 19.4710



16.2941, 18.1441, 21.0557



16.6354, 18.1441, 22.3519

Triad

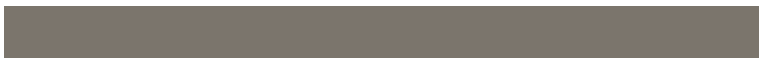
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16.2941, 18.1441, 21.0557



18.1295, 18.1441, 21.5772



17.3456, 18.1441, 16.8687

Complementary

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



16.2941, 18.1441, 21.0557



15.8853, 15.6935, 15.8279

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.



17.8702, 18.1441, 17.3690



16.2941, 18.1441, 21.0557



18.3290, 18.1441, 20.0434

Square

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



16.2941, 18.1441, 21.0557



17.6935, 18.1441, 22.6641



18.2331, 18.1441, 18.5106



16.8050, 18.1441, 17.1076

Rectangle

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



16.2941, 18.1441, 21.0557



16.9642, 18.1441, 22.8491



18.2331, 18.1441, 18.5106



17.5297, 18.1441, 16.9552

Sweetspot

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



16.2946, 18.1449, 21.0561



31.2639, 33.4793, 37.2073



15.5470, 18.0409, 16.5179



7.1042, 7.6287, 8.5047



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



16.2946, 18.1449, 21.0561



27.7984, 31.3953, 36.9877



15.3845, 16.3246, 20.7527



4.0867, 4.4717, 5.0909



10.0781, 14.2386, 21.6024



47.8409, 67.4545, 102.9683

Inverse Universe

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



16.6317, 15.8265, 20.2683



28.5260, 26.4187, 35.2807



16.7358, 17.3944, 16.1114



4.1442, 4.0734, 4.9571



11.6703, 5.6443, 17.3524



55.5510, 26.8768, 82.1548

Previews

White Background



This preview shows how the XYZ color 16.2941, 18.1441, 21.0557 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 16.2941, 18.1441, 21.0557 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

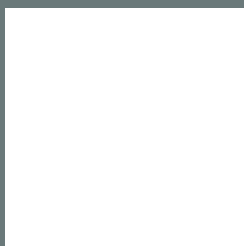
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.2941, 18.1441, 21.0557

Background



This preview shows how black text looks on a background with the XYZ color 16.2941, 18.1441, 21.0557.



This preview shows how white text looks on a background with the XYZ color 16.2941, 18.1441,

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

16.2941, 18.1441, 21.0557

Protanopia

17.3592, 18.0006, 20.3288

Deuteranopia

18.3449, 17.9767, 21.2419



Tritanopia

16.7423, 18.1437, 23.3886

Trichromacy



Original Color

16.2941, 18.1441, 21.0557

Protanomaly

16.8691, 17.9148, 20.6580

Deuteranomaly

17.5442, 18.0746, 21.3030

Tritanomaly

16.5458, 18.0651, 22.3535

Monochromacy



Original Color

16.2941, 18.1441, 21.0557

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.6183, 17.7995, 20.0125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2941, 18.1441, 21.0557 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(106, 121, 122)` looks like.

```
.text, #text, p{  
    color:rgb(106, 121, 122)  
}
```

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(106, 121, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 121, 122) }
```

Border

The CSS property to change the border of an element to XYZ 16.2941, 18.1441, 21.0557 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(106, 121, 122) }
```


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

```
.border{ border-color:rgb(106, 121, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 121, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 121, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 121, 122);  
box-shadow:4px 4px 4px 4px rgb(106, 121,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2941, 18.1441, 21.0557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 121, 122) }
```

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

```
.background{ background-color: rgb(106,  
121, 122) }
```

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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