

Converting Colors

XYZ(16.0825, 17.6896, 21.0882)

Have a look what the booklet for
XYZ(16.0825, 17.6896, 21.0882)
contains.

XYZ(16.0535, 17.6630, 20.9755)	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(16.0535, 17.6630,
20.9755)**

Conversions

Conversions Part 1

Format	Color
Hex	6A777A
RGB	106, 119, 122
RGB Percent	42%, 47%, 48%
CMY	0.5843, 0.5333, 0.5216
CMYK	0.13, 0.02, 0.00, 0.52
HSL	191°, 7%, 45%
HSV	191°, 13%, 48%
XYZ	16.0535, 17.6630, 20.9755
YIQ	115.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

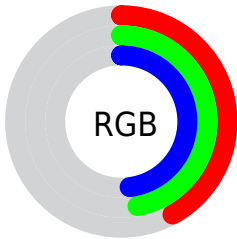
Format	Color
R_{YB}	106, 113, 122
Decimal	6977402
CIE Lab	49.08, -4.15, -3.29
CIE LCh	49, 5.301, 218.413
Yxy	17.6630, 0.2935, 0.3230
Android (android.graphics.Color)	4285167482 (0xFF6A777A)
YUV	115.4550, 3.2267, -8.2920
Hunter-Lab	42.0274, -5.3650, -0.1720

Details

The XYZ color **16.0535, 17.6630, 20.9755** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.0962, 16.1152, 15.8980**, and the grayscale version is **16.4267, 17.2822, 18.8203**.

A 20% lighter version of the original color is **36.1075, 39.3499, 45.7366**, and **5.2595, 5.9173, 7.1683** is the 20% darker color. If you saturate the color by 10%, you get **14.4370, 16.4311, 20.8232**, and if you desaturate by 10%, it is **17.8839, 19.0158, 21.1404**.

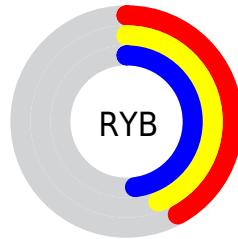
Distribution



Red (42%)

Green (47%)

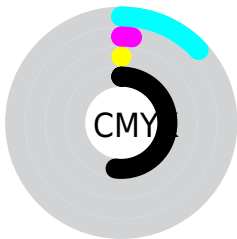
Blue (48%)



Red (42%)

Yellow (44%)

Blue (48%)

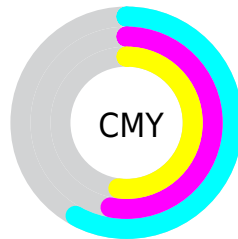


Cyan (13%)

Magenta (2%)

Yellow (0%)

Black (52%)



Cyan (58%)

Magenta (53%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0535, 17.6630, 20.9755 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 16.0535, 17.6630, 20.9755 by changing the saturation by 10% instead.

■ 16.0535, 17.6630,
20.9755

■ 16.0535, 17.6630,
20.9755

222.9214,
238.9646, 269.9250

■ 9.6531, 10.7083,
12.9150

■ 36.2478, 39.4622,
45.9270

■ 5.2301, 5.8711,
7.2400

■ 50.7723, 55.0756,
63.6551

■ 2.4190, 2.7668,
3.5319

■ 68.7357, 74.3439,
85.4429

■ 0.8546, 1.0112,
1.3723

■ 90.5031, 97.6517,
111.7088

■ 0.0000, 0.0000,
0.1199

116.4401,
125.3832, 142.8715

■ 0.0000, 0.0000,
0.0000

146.9119,

157.9230, 179.3493

182.2839,
195.6553, 221.5610

■ 16.0535, 17.6630,
20.9755

■ 16.0535, 17.6630,
20.9755

■ 14.4370, 16.4311,
20.8232

■ 17.8839, 19.0158,
21.1404

■ 13.0240, 15.3133,
20.6819

■ 19.9349, 20.4916,
21.3172

■ 11.8059, 14.3056,
20.5516

■ 22.2146, 22.0952,
21.5066

■ 10.7725, 13.4026,
20.4318

■ 24.7305, 23.8305,
21.7089

■ 9.9129, 12.5986,
20.3219

■ 27.4896, 25.7011,
21.9245

■ 9.2147, 11.8872,
20.2214

■ 30.4987, 27.7106,
22.1538

■ 8.6643, 11.2613,
20.1296

■ 33.7642, 29.8625,
22.3971

■ 8.2443, 10.7119,
20.0457

■ 37.2924, 32.1598,
22.6545

■ 7.9883, 10.3560,
19.9905

■ 41.0892, 34.6060,
22.9266

Harmonies

Analogous

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



15.8643, 17.6630, 19.6335



16.0535, 17.6630, 20.9755



16.4405, 17.6630, 21.8791

Triad

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



16.0535, 17.6630, 20.9755



17.6886, 17.6630, 20.2522



16.6493, 17.6630, 16.6600

Complementary

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



16.0535, 17.6630, 20.9755



16.0962, 16.1152, 15.8980

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.



17.1407, 17.6630, 16.8075



16.0535, 17.6630, 20.9755



17.7472, 17.6630, 18.8360

Square

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



16.0535, 17.6630, 20.9755



17.3864, 17.6630, 21.4475



17.5449, 17.6630, 17.5879



16.2038, 17.6630, 17.1746

Rectangle

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



16.0535, 17.6630, 20.9755



16.7618, 17.6630, 22.0870



17.5449, 17.6630, 17.5879



16.8145, 17.6630, 16.6343

Sweetspot

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



16.0540, 17.6637, 20.9759



31.1298, 33.2111, 37.1626



15.6603, 18.0862, 17.1150



7.0688, 7.5579, 8.4929



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.



16.0540, 17.6637, 20.9759



27.2725, 30.3434, 36.8123



15.1486, 15.8529, 20.6741



4.0463, 4.3909, 5.0774



8.4048, 10.8919, 21.0447



39.5098, 50.7923, 100.1913

Inverse Universe

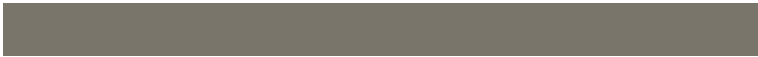
The Inverse Universe completely reimagines the original color for something new.



16.5102, 15.7778, 19.6290



28.2606, 26.3125, 33.8827



16.9813, 17.8855, 16.1931



4.1238, 4.0653, 4.8497



10.8257, 5.3064, 12.9047



51.3459, 25.1947, 60.0107

Previews

White Background



This preview shows how the XYZ color 16.0535, 17.6630, 20.9755 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 16.0535, 17.6630, 20.9755 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

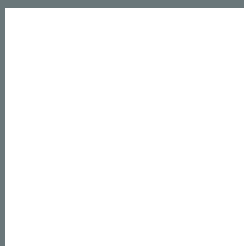
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0535, 17.6630, 20.9755

Background



This preview shows how black text looks on a background with the XYZ color 16.0535, 17.6630, 20.9755.



This preview shows how white text looks on a background with the XYZ color 16.0535, 17.6630,

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

16.0535, 17.6630, 20.9755

Protanopia

16.9717, 17.6288, 20.2775

Deuteranopia

17.9377, 17.6003, 21.1907



Tritanopia

16.4381, 17.6412, 22.9608

Trichromacy



Original Color

16.0535, 17.6630, 20.9755

Protanomaly

16.6225, 17.6138, 20.6129

Deuteranomaly

17.1771, 17.5431, 21.2197

Tritanomaly

16.3077, 17.5890, 22.2742

Monochromacy



Original Color

16.0535, 17.6630, 20.9755

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.1975, 17.2435, 19.6142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0535, 17.6630, 20.9755 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, 119, 122)` looks like.

```
.text, #text, p{  
    color:rgb(106, 119, 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, 119, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 119, 122) }
```

Border

The CSS property to change the border of an element to XYZ 16.0535, 17.6630, 20.9755 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, 119, 122) }
```


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

```
.border{ border-color:rgb(106, 119, 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, 119, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 119, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 119, 122);  
box-shadow:4px 4px 4px 4px rgb(106, 119,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0535, 17.6630, 20.9755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 119, 122) }
```

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

```
.background{ background-color: rgb(106,  
119, 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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