

Converting Colors

XYZ(16.7541, 17.6226, 23.2873)

Have a look what the booklet for
XYZ(16.7541, 17.6226, 23.2873)
contains.

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Color

**XYZ(16.7541, 17.6226,
23.2873)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7581
RGB	110, 117, 129
RGB Percent	43%, 46%, 51%
CMY	0.5686, 0.5412, 0.4941
CMYK	0.15, 0.09, 0.00, 0.49
HSL	218°, 8%, 47%
HSV	218°, 15%, 51%
XYZ	16.7541, 17.6226, 23.2873
YIQ	116.2750, -8.0240, 2.2480

Conversions

Conversions Part 2

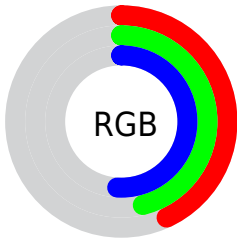
Format	Color
R_{YB}	110, 115, 129
Decimal	7239041
CIE _{Lab}	49.04, 0.02, -7.48
CIE _{LCh}	49, 7.476, 270.186
Yxy	17.6226, 0.2905, 0.3056
Android (android.graphics.Color)	4285429121 (0xFF6E7581)
YUV	116.2750, 6.2734, -5.5032
Hunter-Lab	41.9793, -2.2237, -3.5046

Details

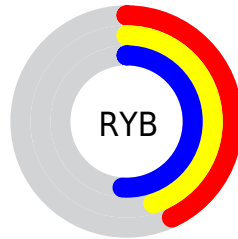
The XYZ color **16.7541, 17.6226, 23.2873** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.8272, 19.7116, 17.5644**, and the grayscale version is **16.6684, 17.5364, 19.0972**.

A 20% lighter version of the original color is **37.5318, 39.4347, 49.8895**, and **5.5627, 5.8596, 8.4272** is the 20% darker color. If you saturate the color by 10%, you get **14.3564, 15.0388, 22.9152**, and if you desaturate by 10%, it is **19.4691, 20.4936, 23.6986**.

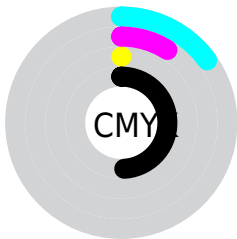
Distribution



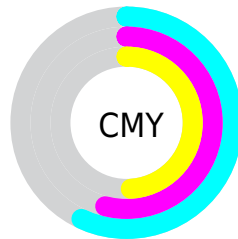
- Red (43%)
- Green (46%)
- Blue (51%)



- Red (43%)
- Yellow (45%)
- Blue (51%)



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)
- Black (49%)



- Cyan (57%)
- Magenta (54%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7541, 17.6226, 23.2873 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 16.7541, 17.6226, 23.2873 by changing the saturation by 10% instead.

■ 16.7541, 17.6226,
23.2873

■ 16.7541, 17.6226,
23.2873

226.9353,
238.7351, 282.3668

■ 10.1535, 10.6794,
14.5985

■ 37.4495, 39.3932,
49.7938

■ 5.5639, 5.8517,
8.3946

■ 52.2750, 54.9893,
68.4486

■ 2.6199, 2.7551,
4.2571

■ 70.5729, 74.2386,
91.2625

■ 0.9561, 1.0053,
1.7674

■ 92.7085, 97.5253,
118.6539

■ 0.0000, 0.0000,
0.4063

119.0472,
125.2340, 151.0416

■ 0.0000, 0.0000,
0.0000

149.9543,

157.7489, 188.8439

185.7952,
195.4545, 232.4795

■ 16.7541, 17.6226,
23.2873

■ 16.7541, 17.6226,
23.2873

■ 14.3564, 15.0388,
22.9152

■ 19.4691, 20.4936,
23.6986

■ 12.2623, 12.7305,
22.5801

■ 22.5114, 23.6584,
24.1492

■ 10.4595, 10.6887,
22.2810

■ 25.8923, 27.1263,
24.6403

■ 8.9338, 8.9026,
22.0166

■ 29.6222, 30.9055,
25.1732

■ 7.6702, 7.3611,
21.7857

■ 33.7110, 35.0036,
25.7487

■ 6.6519, 6.0516,
21.5866

■ 38.1682, 39.4284,
26.3679

■ 5.8599, 4.9605,
21.4177

■ 43.0030, 44.1870,
27.0315

■ 5.2683, 4.0703,
21.2771

■ 48.2240, 49.2864,
27.7407

■ 5.0009, 3.6617,
21.2123

■ 53.8400, 54.7335,
28.4961

Harmonies

Analogous

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



16.0923, 17.6226, 22.7141



16.7541, 17.6226, 23.2873



17.4326, 17.6226, 22.7002

Triad

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



16.7541, 17.6226, 23.2873



17.9350, 17.6226, 17.3223



15.6138, 17.6226, 17.3425

Complementary

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



16.7541, 17.6226, 23.2873



18.8272, 19.7116, 17.5644

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.



16.0850, 17.6226, 16.0582



16.7541, 17.6226, 23.2873



17.4249, 17.6226, 16.0471

Square

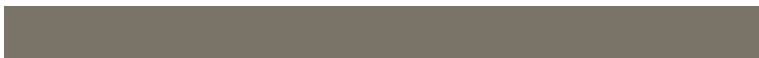
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16.7541, 17.6226, 23.2873



18.1258, 17.6226, 19.1756



16.7454, 17.6226, 15.6004



15.4451, 17.6226, 19.2005

Rectangle

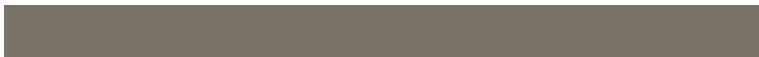
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16.7541, 17.6226, 23.2873



17.8003, 17.6226, 21.7517



16.7454, 17.6226, 15.6004



15.7414, 17.6226, 16.8341

Sweetspot

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



16.7546, 17.6233, 23.2877



35.1928, 37.0431, 42.4877



17.7762, 20.4139, 21.3240



7.8887, 8.3038, 9.6054



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.



16.7546, 17.6233, 23.2877



28.3526, 29.7911, 41.4484



16.2483, 16.1960, 23.0389



4.2286, 4.4512, 5.4496



4.8796, 3.5776, 20.6833



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.8404, 17.1036, 19.1916



30.7402, 28.7119, 32.4271



19.3851, 21.3220, 17.8459



4.3882, 4.3684, 4.8488



9.3399, 4.7557, 3.1140



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.7541, 17.6226, 23.2873 looks on a white background.

Color Contrast Check

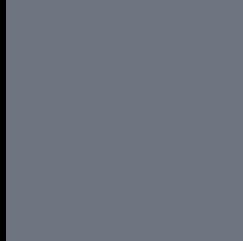
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.7541, 17.6226, 23.2873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

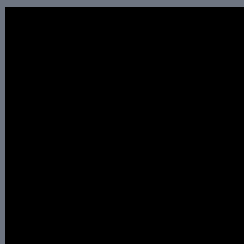
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

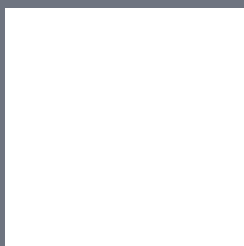
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.7541, 17.6226, 23.2873

Background



This preview shows how black text looks on a background with the XYZ color 16.7541, 17.6226, 23.2873.



This preview shows how white text looks on a background with the XYZ color 16.7541, 17.6226,

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

16.7541, 17.6226, 23.2873

Protanopia

17.2119, 17.6941, 22.9302

Deuteranopia

17.8195, 17.4869, 23.5552



Tritanopia

16.6225, 17.5699, 22.5939

Trichromacy



Original Color

16.7541, 17.6226, 23.2873

Protanomaly

16.9517, 17.5600, 22.9180

Deuteranomaly

17.3827, 17.4282, 23.5669

Tritanomaly

16.6880, 17.5961, 22.9389

Monochromacy



Original Color

16.7541, 17.6226, 23.2873

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.6360, 17.4487, 20.5803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7541, 17.6226, 23.2873 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(110, 117, 129)` looks like.

```
.text, #text, p{  
    color:rgb(110, 117, 129)  
}
```

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(110, 117, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 117, 129) }
```

Border

The CSS property to change the border of an element to XYZ 16.7541, 17.6226, 23.2873 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(110, 117, 129) }
```


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

```
.border{ border-color:rgb(110, 117, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 117, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 117, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 117, 129);  
box-shadow:4px 4px 4px 4px rgb(110, 117,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7541, 17.6226, 23.2873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 117, 129) }
```

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

```
.background{ background-color: rgb(110,  
117, 129) }
```

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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