

Converting Colors

XYZ(16.5462, 18.5175, 22.6682)

Have a look what the booklet for
XYZ(16.5462, 18.5175, 22.6682)
contains.

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Color

**XYZ(16.6226, 18.6413,
22.8007)**

Conversions

Conversions Part 1

Format	Color
Hex	687B7F
RGB	104, 123, 127
RGB Percent	41%, 48%, 50%
CMY	0.5922, 0.5176, 0.5020
CMYK	0.18, 0.03, 0.00, 0.50
HSL	190°, 10%, 45%
HSV	190°, 18%, 50%
XYZ	16.6226, 18.6413, 22.8007
YIQ	117.7750, -12.6080, -2.7840

Conversions

Conversions Part 2

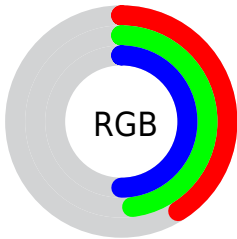
Format	Color
R_{YB}	104, 114, 127
Decimal	6847359
CIE _{Lab}	50.26, -6.01, -4.52
CIE _{LCh}	50, 7.519, 216.916
Yxy	18.6413, 0.2863, 0.3210
Android (android.graphics.Color)	4285037439 (0xFF687B7F)
YUV	117.7750, 4.5479, -12.0807
Hunter-Lab	43.1756, -6.8347, -1.0877

Details

The XYZ color **16.6226, 18.6413, 22.8007** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.6137, 16.2364, 15.3552**, and the grayscale version is **17.1390, 18.0316, 19.6364**.

A 20% lighter version of the original color is **37.0858, 40.9238, 49.1245**, and **5.4548, 6.2884, 8.1340** is the 20% darker color. If you saturate the color by 10%, you get **14.9874, 17.3968, 22.6470**, and if you desaturate by 10%, it is **18.4871, 20.0141, 22.9677**.

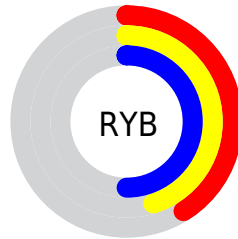
Distribution



Red (41%)

Green (48%)

Blue (50%)



Red (41%)

Yellow (45%)

Blue (50%)

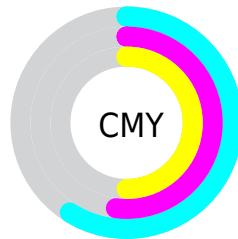


Cyan (18%)

Magenta (3%)

Yellow (0%)

Black (50%)



Cyan (59%)

Magenta (52%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6226, 18.6413, 22.8007 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 16.6226, 18.6413, 22.8007 by changing the saturation by 10% instead.

■ 16.6226, 18.6413,
22.8007

■ 16.6226, 18.6413,
22.8007

226.1869,
244.4613, 279.7884

■ 10.0594, 11.4114,
14.2425

■ 37.2245, 41.1271,
48.9849

■ 5.5009, 6.3442,
8.1488

■ 51.9940, 57.1518,
67.4480

■ 2.5818, 3.0555,
4.1012

■ 70.2296, 76.8768,
90.0498

■ 0.9367, 1.1608,
1.6810

■ 92.2966, 100.6866,
117.2088

■ 0.0000, 0.0293,
0.3477

118.5606,
128.9655, 149.3437

■ 0.0000, 0.0000,
0.0000

149.3867,

162.0981, 186.8729

185.1404,
200.4685, 230.2149

■ 16.6226, 18.6413,
22.8007

■ 16.6226, 18.6413,
22.8007

■ 14.9874, 17.3968,
22.6470

■ 18.4871, 20.0141,
22.9677

■ 13.5700, 16.2733,
22.5048

■ 20.5886, 21.5179,
23.1472

■ 12.3602, 15.2657,
22.3741

■ 22.9364, 23.1579,
23.3400

■ 11.3464, 14.3683,
22.2543

■ 25.5389, 24.9385,
23.5465

■ 10.5158, 13.5742,
22.1448

■ 28.4040, 26.8640,
23.7672

■ 9.8541, 12.8760,
22.0449

■ 31.5393, 28.9382,
24.0023

■ 9.3447, 12.2652,
21.9539

■ 34.9520, 31.1649,
24.2522

■ 8.9474, 11.7208,
21.8697

■ 38.6492, 33.5478,
24.5173

■ 8.8748, 11.6202,
21.8542

■ 42.6376, 36.0905,
24.7979

Harmonies

Analogous

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



16.3649, 18.6413, 20.7836



16.6226, 18.6413, 22.8007



17.1750, 18.6413, 24.2116

Triad

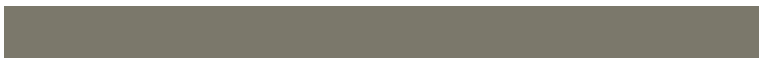
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16.6226, 18.6413, 22.8007



19.0367, 18.6413, 21.9094



17.5500, 18.6413, 16.5731

Complementary

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



16.6226, 18.6413, 22.8007



16.6137, 16.2364, 15.3552

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.



18.2723, 18.6413, 16.8293



16.6226, 18.6413, 22.8007



19.1438, 18.6413, 19.8185

Square

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



16.6226, 18.6413, 22.8007



18.5718, 18.6413, 23.6729



18.8605, 18.6413, 17.9840



16.8907, 18.6413, 17.2587

Rectangle

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



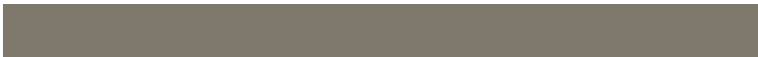
16.6226, 18.6413, 22.8007



17.6428, 18.6413, 24.5677



18.8605, 18.6413, 17.9840



17.7934, 18.6413, 16.5527

Sweetspot

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



16.6231, 18.6421, 22.8011



34.1860, 36.6205, 41.2229



15.9964, 19.2012, 17.0042



7.9531, 8.5373, 9.6470



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.



16.6231, 18.6421, 22.8011



28.4257, 32.3715, 40.7064



15.2974, 15.9905, 22.3592



4.3849, 4.7637, 5.5017



8.9495, 11.7174, 22.0400



0.0000, 0.0000, 0.0000

Inverse Universe

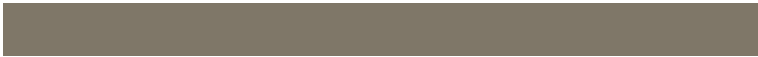
The Inverse Universe completely reimagines the original color for something new.



17.2782, 15.8430, 20.8872



29.8552, 26.3732, 36.5054



17.8879, 18.7849, 15.7799



4.4671, 4.4000, 5.2642



11.3942, 5.5774, 13.9317



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.6226, 18.6413, 22.8007 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 16.6226, 18.6413, 22.8007 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

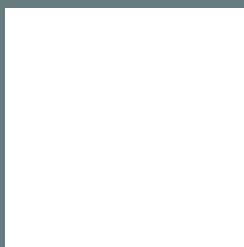
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.6226, 18.6413, 22.8007

Background



This preview shows how black text looks on a background with the XYZ color 16.6226, 18.6413, 22.8007.



This preview shows how white text looks on a background with the XYZ color 16.6226, 18.6413,

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

16.6226, 18.6413, 22.8007

Protanopia

17.9806, 18.6420, 21.7194

Deuteranopia

18.8941, 18.5613, 23.0089



Tritanopia

16.9501, 18.5883, 24.5243

Trichromacy



Original Color

16.6226, 18.6413, 22.8007

Protanomaly

17.3576, 18.4910, 22.0563

Deuteranomaly

18.1009, 18.6741, 23.0725

Tritanomaly

16.8145, 18.5340, 23.8103

Monochromacy



Original Color

16.6226, 18.6413, 22.8007

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.9777, 18.3241, 20.7312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6226, 18.6413, 22.8007 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(104, 123, 127)` looks like.

```
.text, #text, p{  
    color:rgb(104, 123, 127)  
}
```

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(104, 123, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 123, 127) }
```

Border

The CSS property to change the border of an element to XYZ 16.6226, 18.6413, 22.8007 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(104, 123, 127) }
```


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

```
.border{ border-color:rgb(104, 123, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 123, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 123, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 123, 127);  
box-shadow:4px 4px 4px 4px rgb(104, 123,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6226, 18.6413, 22.8007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 123, 127) }
```

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

```
.background{ background-color: rgb(104,  
123, 127) }
```

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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