

Converting Colors

XYZ(17.6412, 22.8146, 15.0725)

Have a look what the booklet for
XYZ(17.6412, 22.8146, 15.0725)
contains.

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Color

**XYZ(17.6461, 22.7638,
15.0191)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8C62
RGB	107, 140, 98
RGB Percent	42%, 55%, 38%
CMY	0.5804, 0.4510, 0.6157
CMYK	0.24, 0.00, 0.30, 0.45
HSL	107°, 18%, 47%
HSV	107°, 30%, 55%
XYZ	17.6461, 22.7638, 15.0191
YIQ	125.3450, -6.1860, -20.0580

Conversions

Conversions Part 2

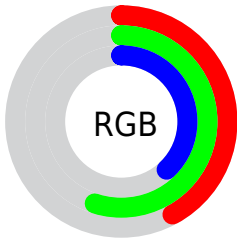
Format	Color
R_{YB}	98, 140, 131
Decimal	7048290
CIE _{Lab}	54.83, -20.06, 18.78
CIE _{LCh}	55, 27.476, 136.882
Yxy	22.7638, 0.3184, 0.4107
Android (android.graphics.Color)	4285238370 (0xFF6B8C62)
YUV	125.3450, -13.4811, -16.0886
Hunter-Lab	47.7114, -17.4767, 14.7341

Details

The XYZ color **17.6461, 22.7638, 15.0191** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.4623, 15.4548, 26.8221**, and the grayscale version is **19.6554, 20.6790, 22.5194**.

A 20% lighter version of the original color is **39.0147, 48.1244, 35.6664**, and **5.9986, 8.4509, 4.4470** is the 20% darker color. If you saturate the color by 10%, you get **15.8027, 21.8840, 11.7789**, and if you desaturate by 10%, it is **19.7746, 23.7786, 18.8772**.

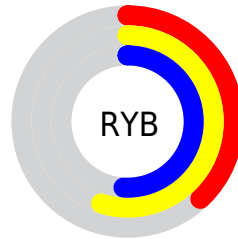
Distribution



Red (42%)

Green (55%)

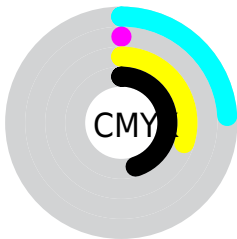
Blue (38%)



Red (38%)

Yellow (55%)

Blue (51%)

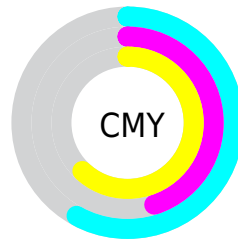


Cyan (24%)

Magenta (0%)

Yellow (30%)

Black (45%)



Cyan (58%)

Magenta (45%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6461, 22.7638, 15.0191 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 17.6461, 22.7638, 15.0191 by changing the saturation by 10% instead.

■ 17.6461, 22.7638,
15.0191

■ 17.6461, 22.7638,
15.0191

231.9530,
266.5095, 235.1266

■ 10.7944, 14.4192,
8.6860

■ 38.9682, 48.0052,
35.6295

■ 5.9950, 8.4128,
4.4430

■ 54.1692, 65.6708,
50.7438

■ 2.8827, 4.3602,
1.8714

■ 72.8841, 87.2121,
69.6224

■ 1.0920, 1.8770,
0.4744

■ 95.4781, 113.0137,
92.6836

■ 0.0184, 0.5345,
0.0000

122.3167,
143.4598, 120.3461

■ 0.0000, 0.0000,
0.0000

153.7651,

178.9349, 153.0284

190.1888,
219.8233, 191.1490

■ 17.6461, 22.7638,
15.0191

■ 17.6461, 22.7638,
15.0191

■ 15.8027, 21.8840,
11.7789

■ 19.7746, 23.7786,
18.8772

■ 14.2303, 21.1305,
9.1231

■ 22.1981, 24.9308,
23.3815

■ 12.9163, 20.4984,
7.0173


■ 24.9280, 26.2263,
28.5602


■ 11.8462, 19.9809,
5.4229


■ 27.9746, 27.6699,
34.4394


■ 11.0042, 19.5709,
4.2962


■ 31.3478, 29.2661,
41.0440


 10.3721, 19.2601,
3.5864

 35.0569, 31.0193,
48.3974

 9.9139, 19.0330,
3.1512

 39.1111, 32.9337,
56.5222

 43.5190, 35.0133,
65.4399

 48.2890, 37.2618,
75.1712

Harmonies

Analogous

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



19.9838, 22.7638, 11.9760



17.6461, 22.7638, 15.0191



16.4311, 22.7638, 21.1795

Triad

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



17.6461, 22.7638, 15.0191



20.3374, 22.7638, 44.9110



27.7216, 22.7638, 20.2378

Complementary

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



17.6461, 22.7638, 15.0191



18.4623, 15.4548, 26.8221

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.



27.8389, 22.7638, 28.7801



17.6461, 22.7638, 15.0191



23.3775, 22.7638, 44.4896

Square

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



17.6461, 22.7638, 15.0191



17.8840, 22.7638, 39.1138



26.1868, 22.7638, 38.0699



25.8798, 22.7638, 14.4695

Rectangle

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



17.6461, 22.7638, 15.0191



16.3394, 22.7638, 26.8452



26.1868, 22.7638, 38.0699



27.9696, 22.7638, 22.8347

Sweetspot

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



17.6467, 22.7648, 15.0196



39.5044, 44.1277, 41.9161



21.1236, 22.6641, 14.8169



8.9656, 10.1030, 9.4008



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.6467, 22.7648, 15.0196



28.8599, 39.0590, 22.5021



17.2248, 22.4775, 18.1546



5.0656, 5.6565, 5.3772



8.8231, 16.9184, 2.8006



0.0690, 0.1178, 0.0191

Inverse Universe

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



18.4623, 15.4548, 26.8221



30.5306, 24.0243, 46.7710



19.0866, 15.8726, 22.5152



5.1308, 5.0758, 6.3152



9.9370, 4.6368, 22.4169



0.0781, 0.0370, 0.1495

Previews

White Background



This preview shows how the XYZ color 17.6461, 22.7638, 15.0191 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 17.6461, 22.7638, 15.0191 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 17.6461, 22.7638, 15.0191

Background



This preview shows how black text looks on a background with the XYZ color 17.6461, 22.7638, 15.0191.



This preview shows how white text looks on a background with the XYZ color 17.6461, 22.7638,

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

17.6461, 22.7638, 15.0191

Protanopia

21.1212, 22.7035, 13.8587

Deuteranopia

22.9467, 22.6336, 15.4712



Tritanopia

20.7062, 22.7394, 30.0859

Trichromacy



Original Color

17.6461, 22.7638, 15.0191

Protanomaly

19.6439, 22.5435, 14.1425

Deuteranomaly

20.5699, 22.3869, 15.2936

Tritanomaly

19.3825, 22.6116, 23.7650

Monochromacy



Original Color

17.6461, 22.7638, 15.0191

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.5484, 21.0546, 19.3060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6461, 22.7638, 15.0191 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(107, 140, 98)` looks like.

```
.text, #text, p{  
    color:rgb(107, 140, 98)  
}
```

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(107, 140, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 140, 98) }
```

Border

The CSS property to change the border of an element to XYZ 17.6461, 22.7638, 15.0191 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(107, 140, 98) }
```


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

```
.border{ border-color:rgb(107, 140, 98) }
```

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

Here you see how a box with a 4 pixel rgb(107, 140, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 140, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 140, 98);  
box-shadow:4px 4px 4px 4px rgb(107, 140,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6461, 22.7638, 15.0191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 140, 98) }
```

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

```
.background{ background-color: rgb(107,  
140, 98) }
```

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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