

Converting Colors

XYZ(17.6784, 22.5472, 16.6845)

Have a look what the booklet for
XYZ(17.6784, 22.5472, 16.6845)
contains.

XYZ(17.7263, 22.5493, 16.7828)	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(17.7263, 22.5493,
16.7828)**

Conversions

Conversions Part 1

Format	Color
Hex	6A8B69
RGB	106, 139, 105
RGB Percent	42%, 55%, 41%
CMY	0.5843, 0.4549, 0.5882
CMYK	0.24, 0.00, 0.24, 0.45
HSL	118°, 14%, 48%
HSV	118°, 24%, 55%
XYZ	17.7263, 22.5493, 16.7828
YIQ	125.2570, -8.7540, -17.5700

Conversions

Conversions Part 2

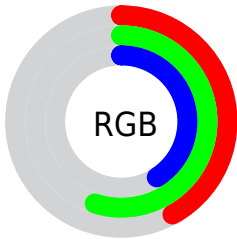
Format	Color
R _Y B	105, 139, 138
Decimal	6982505
CIE Lab	54.61, -18.66, 14.50
CIE LCh	55, 23.633, 142.157
Yxy	22.5493, 0.3107, 0.3952
Android (android.graphics.Color)	4285172585 (0xFF6A8B69)
YUV	125.2570, -9.9867, -16.8884
Hunter-Lab	47.4861, -16.4676, 12.2857

Details

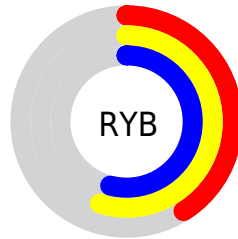
The XYZ color **17.7263, 22.5493, 16.7828** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.1939, 17.3711, 26.7158**, and the grayscale version is **19.6148, 20.6363, 22.4730**.

A 20% lighter version of the original color is **39.1713, 47.8093, 38.6161**, and **6.0810, 8.3498, 5.2942** is the 20% darker color. If you saturate the color by 10%, you get **15.5904, 21.5248, 13.2534**, and if you desaturate by 10%, it is **20.2325, 23.7525, 20.9401**.

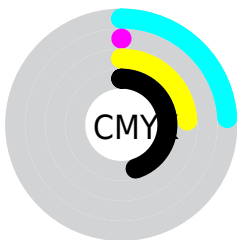
Distribution



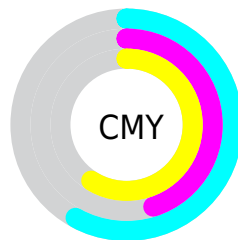
- Red (42%)
- Green (55%)
- Blue (41%)



- Red (41%)
- Yellow (55%)
- Blue (54%)



- Cyan (24%)
- Magenta (0%)
- Yellow (24%)
- Black (45%)



- Cyan (58%)
- Magenta (45%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7263, 22.5493, 16.7828 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 17.7263, 22.5493, 16.7828 by changing the saturation by 10% instead.

■ 17.7263, 22.5493,
16.7828

■ 17.7263, 22.5493,
16.7828

232.3993,
265.4016, 245.9190

■ 10.8522, 14.2611,
9.9194

■ 39.1041, 47.6522,
38.7375

■ 6.0341, 8.3025,
5.2407

■ 54.3386, 65.2357,
54.6659

■ 2.9067, 4.2891,
2.3280

■ 73.0904, 86.6864,
74.4530

■ 1.1046, 1.8366,
0.7468

■ 95.7251, 112.3886,
98.5175

■ 0.0290, 0.5098,
0.0000

122.6080,
142.7269, 127.2777

■ 0.0000, 0.0000,
0.0000

154.1044,

178.0855, 161.1524

190.5798,
218.8490, 200.5600

■ 17.7263, 22.5493,
16.7828

■ 17.7263, 22.5493,
16.7828

■ 15.5904, 21.5248,
13.2534

■ 20.2325, 23.7525,
20.9401

■ 13.8056, 20.6678,
10.3201

■ 23.1234, 25.1393,
25.7523

■ 12.3536, 19.9702,
7.9503

■ 26.4150, 26.7180,
31.2463

■ 11.2139, 19.4222,
6.1080

■ 30.1217, 28.4955,
37.4473

■ 10.3634, 19.0129,
4.7529

■ 34.2574, 30.4784,
44.3792

■ 9.7762, 18.7298,
3.8389

■ 38.8351, 32.6729,
52.0648

■ 9.4208, 18.5580,
3.3066

■ 43.8674, 35.0851,
60.5257

■ 9.2842, 18.4924,
3.0801

■ 49.3663, 37.7207,
69.7828

■ 55.3435, 40.5852,
79.8563

Harmonies

Analogous

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



19.6040, 22.5493, 13.5471



17.7263, 22.5493, 16.7828



16.8568, 22.5493, 22.6522

Triad

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



17.7263, 22.5493, 16.7828



20.7583, 22.5493, 41.6175



26.3974, 22.5493, 19.5445

Complementary

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



17.7263, 22.5493, 16.7828



20.1939, 17.3711, 26.7158

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.



26.7691, 22.5493, 26.5559



17.7263, 22.5493, 16.7828



23.3712, 22.5493, 40.3202

Square

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



17.7263, 22.5493, 16.7828



18.5128, 22.5493, 37.6645



25.6222, 22.5493, 34.4117



24.6440, 22.5493, 14.9027

Rectangle

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



17.7263, 22.5493, 16.7828



16.9125, 22.5493, 27.6885



25.6222, 22.5493, 34.4117



26.6935, 22.5493, 21.6624

Sweetspot

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



17.7269, 22.5503, 16.7833



39.9455, 44.3166, 43.6786



22.2676, 24.6487, 16.9490



9.1446, 10.1829, 9.9650



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.



17.7269, 22.5503, 16.7833



29.6860, 39.3939, 26.6500



18.5020, 22.8467, 21.4817



4.9846, 5.6148, 5.3734



8.3817, 16.6909, 2.7799



0.0572, 0.1117, 0.0185

Inverse Universe

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



20.1939, 17.3711, 26.7158



34.8438, 28.5634, 47.4198



19.2833, 17.0261, 21.0534



5.2196, 5.1216, 6.3193



13.2140, 6.3262, 22.5703



0.0899, 0.0431, 0.1500

Previews

White Background



This preview shows how the XYZ color 17.7263, 22.5493, 16.7828 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 17.7263, 22.5493, 16.7828 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 17.7263, 22.5493, 16.7828

Background



This preview shows how black text looks on a background with the XYZ color 17.7263, 22.5493, 16.7828.



This preview shows how white text looks on a background with the XYZ color 17.7263, 22.5493,

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

17.7263, 22.5493, 16.7828

Protanopia

20.9791, 22.3938, 15.5286

Deuteranopia

22.8029, 22.3293, 17.2955



Tritanopia

20.3692, 22.5745, 29.6693

Trichromacy



Original Color

17.7263, 22.5493, 16.7828

Protanomaly

19.5382, 22.2464, 15.8346

Deuteranomaly

20.6281, 22.1777, 17.1034

Tritanomaly

19.2638, 22.5350, 24.4535

Monochromacy



Original Color

17.7263, 22.5493, 16.7828

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.7239, 21.1248, 20.2302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7263, 22.5493, 16.7828 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, 139, 105)` looks like.

```
.text, #text, p{  
    color:rgb(106, 139, 105)  
}
```

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, 139, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 139, 105) }
```

Border

The CSS property to change the border of an element to XYZ 17.7263, 22.5493, 16.7828 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, 139, 105) }
```


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

```
.border{ border-color:rgb(106, 139, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 139, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 139, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 139, 105);  
box-shadow:4px 4px 4px 4px rgb(106, 139,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7263, 22.5493, 16.7828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 139, 105) }
```

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

```
.background{ background-color: rgb(106,  
139, 105) }
```

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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