

Converting Colors

XYZ(18.2222, 22.5543, 17.4391)

Have a look what the booklet for
XYZ(18.2222, 22.5543, 17.4391)
contains.

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Color

**XYZ(18.1727, 22.5535,
17.3054)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8A6B
RGB	110, 138, 107
RGB Percent	43%, 54%, 42%
CMY	0.5686, 0.4588, 0.5804
CMYK	0.20, 0.00, 0.22, 0.46
HSL	114°, 13%, 48%
HSV	114°, 22%, 54%
XYZ	18.1727, 22.5535, 17.3054
YIQ	126.0940, -6.7370, -15.5770

Conversions

Conversions Part 2

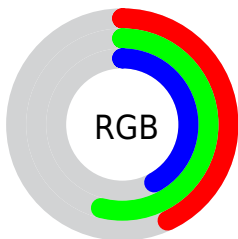
Format	Color
RYB	107, 138, 135
Decimal	7244395
CIELab	54.61, -16.30, 13.40
CIELCh	55, 21.107, 140.573
Yxy	22.5535, 0.3132, 0.3886
Android (android.graphics.Color)	4285434475 (0xFF6E8A6B)
YUV	126.0940, -9.4133, -14.1144
Hunter-Lab	47.4905, -14.8037, 11.6383

Details

The XYZ color **18.1727, 22.5535, 17.3054** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.8379, 17.5020, 26.3786**, and the grayscale version is **19.8963, 20.9325, 22.7954**.

A 20% lighter version of the original color is **39.9215, 47.8493, 39.4795**, and **6.2919, 8.3298, 5.5512** is the 20% darker color. If you saturate the color by 10%, you get **16.0606, 21.5426, 13.7143**, and if you desaturate by 10%, it is **20.6201, 23.7251, 21.5181**.

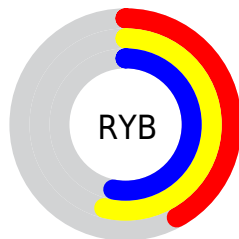
Distribution



Red (43%)

Green (54%)

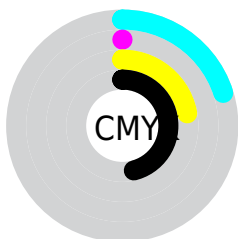
Blue (42%)



Red (42%)

Yellow (54%)

Blue (53%)

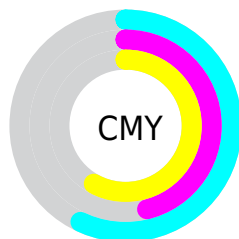


Cyan (20%)

Magenta (0%)

Yellow (22%)

Black (46%)



Cyan (57%)

Magenta (46%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1727, 22.5535, 17.3054 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 18.1727, 22.5535, 17.3054 by changing the saturation by 10% instead.

■ 18.1727, 22.5535,
17.3054

■ 18.1727, 22.5535,
17.3054

234.8695,
265.4233, 249.0295

■ 11.1745, 14.2642,
10.2882

■ 39.8592, 47.6591,
39.6479

■ 6.2525, 8.3046,
5.4824

■ 55.2781, 65.2442,
55.8104

■ 3.0413, 4.2905,
2.4693

■ 74.2347, 86.6967,
75.8583

■ 1.1757, 1.8373,
0.8238

■ 97.0943, 112.4009,
100.2103

■ 0.0870, 0.5103,
0.0000

124.2222,
142.7413, 129.2849

■ 0.0000, 0.0000,
0.0000

155.9838,

178.1022, 163.5006

192.7444,
218.8681, 203.2759

■ 18.1727, 22.5535,
17.3054

■ 18.1727, 22.5535,
17.3054

■ 16.0606, 21.5426,
13.7143

■ 20.6201, 23.7251,
21.5181

■ 14.2675, 20.6828,
10.7140

■ 23.4147, 25.0611,
26.3782

■ 12.7783, 19.9676,
8.2733

■ 26.5700, 26.5685,
31.9121

■ 11.5762, 19.3890,
6.3576

■ 30.0981, 28.2531,
38.1440

■ 10.6424, 18.9383,
4.9282

■ 34.0108, 30.1203,
45.0970

■ 9.9561, 18.6056,
3.9416

■ 38.3192, 32.1755,
52.7934

■ 9.4934, 18.3798,
3.3460

■ 43.0340, 34.4237,
61.2541

■ 9.2601, 18.2661,
3.0377

■ 48.1655, 36.8697,
70.4994

■ 53.7236, 39.5183,
80.5489

Harmonies

Analogous

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



19.9071, 22.5535, 14.4347



18.1727, 22.5535, 17.3054



17.3309, 22.5535, 22.5237

Triad

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



18.1727, 22.5535, 17.3054



20.7142, 22.5535, 39.4352



25.8889, 22.5535, 20.3365

Complementary

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



18.1727, 22.5535, 17.3054



19.8379, 17.5020, 26.3786

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.



26.1440, 22.5535, 26.7090



18.1727, 22.5535, 17.3054



23.0421, 22.5535, 38.5612

Square

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



18.1727, 22.5535, 17.3054



18.7269, 22.5535, 35.8034



25.0692, 22.5535, 33.5949



24.3955, 22.5535, 15.9531

Rectangle

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



18.1727, 22.5535, 17.3054



17.3443, 22.5535, 26.9759



25.0692, 22.5535, 33.5949



26.1263, 22.5535, 22.2871

Sweetspot

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



18.1733, 22.5545, 17.3059



38.8850, 43.0323, 42.3354



21.7861, 23.7660, 17.3493



8.6701, 9.6273, 9.4059



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.1733, 22.5545, 17.3059



30.0562, 38.8082, 27.1332



18.5065, 22.6454, 20.9752



5.0139, 5.6299, 5.3748



8.4963, 16.7500, 2.7853



0.0615, 0.1139, 0.0187

Inverse Universe

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



19.8379, 17.5020, 26.3786



33.5289, 28.2611, 46.0709



19.4799, 17.4153, 21.9392



5.1870, 5.1048, 6.3178



11.9203, 5.6593, 22.5098



0.0856, 0.0409, 0.1498

Previews

White Background



This preview shows how the XYZ color 18.1727, 22.5535, 17.3054 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 18.1727, 22.5535, 17.3054 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 18.1727, 22.5535, 17.3054

Background



This preview shows how black text looks on a background with the XYZ color 18.1727, 22.5535, 17.3054.



This preview shows how white text looks on a background with the XYZ color 18.1727, 22.5535,

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

18.1727, 22.5535, 17.3054

Protanopia

21.0783, 22.4335, 16.0511

Deuteranopia

22.7258, 22.2771, 17.8540



Tritanopia

20.6240, 22.5017, 29.6418

Trichromacy



Original Color

18.1727, 22.5535, 17.3054

Protanomaly

19.7883, 22.3637, 16.3704

Deuteranomaly

20.7346, 22.2203, 17.6641

Tritanomaly

19.7001, 22.5440, 24.7859

Monochromacy



Original Color

18.1727, 22.5535, 17.3054

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.0581, 21.2902, 20.5577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1727, 22.5535, 17.3054 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, 138, 107)` looks like.

```
.text, #text, p{  
    color:rgb(110, 138, 107)  
}
```

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, 138, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 138, 107) }
```

Border

The CSS property to change the border of an element to XYZ 18.1727, 22.5535, 17.3054 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, 138, 107) }
```


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

```
.border{ border-color:rgb(110, 138, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 138, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 138, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 138, 107);  
box-shadow:4px 4px 4px 4px rgb(110, 138,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1727, 22.5535, 17.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 138, 107) }
```

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

```
.background{ background-color: rgb(110,  
138, 107) }
```

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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