

Converting Colors

XYZ(18.6695, 22.0730, 22.0154)

Have a look what the booklet for
XYZ(18.6695, 22.0730, 22.0154)
contains.

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Color

**XYZ(18.6695, 22.0730,
22.0154)**

Conversions

Conversions Part 1

Format	Color
Hex	6E877B
RGB	110, 135, 123
RGB Percent	43%, 53%, 48%
CMY	0.5686, 0.4706, 0.5176
CMYK	0.19, 0.00, 0.09, 0.47
HSL	151°, 10%, 48%
HSV	151°, 19%, 53%
XYZ	18.6695, 22.0730, 22.0154
YIQ	126.1570, -11.0480, -9.0320

Conversions

Conversions Part 2

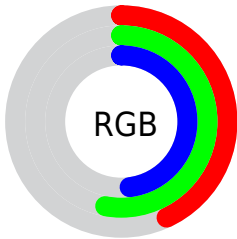
Format	Color
RYB	110, 126, 135
Decimal	7243643
CIELab	54.10, -11.53, 3.48
CIELCh	54, 12.040, 163.186
Yxy	22.0730, 0.2975, 0.3517
Android (android.graphics.Color)	4285433723 (0xFF6E877B)
YUV	126.1570, -1.5564, -14.1697
Hunter-Lab	46.9819, -11.2867, 5.1045

Details

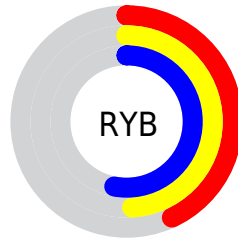
The XYZ color **18.6695, 22.0730, 22.0154** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.0812, 17.7084, 20.8256**, and the grayscale version is **19.8929, 20.9289, 22.7915**.

A 20% lighter version of the original color is **40.6214, 46.7430, 47.4388**, and **6.4711, 8.0155, 7.6847** is the 20% darker color. If you saturate the color by 10%, you get **16.7238, 21.1159, 19.8765**, and if you desaturate by 10%, it is **20.8992, 23.1746, 24.3088**.

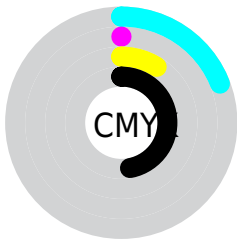
Distribution



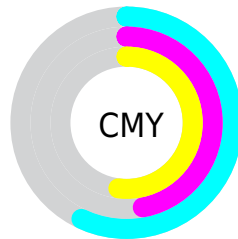
- Red (43%)
- Green (53%)
- Blue (48%)



- Red (43%)
- Yellow (49%)
- Blue (53%)



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (47%)



- Cyan (57%)
- Magenta (47%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6695, 22.0730, 22.0154 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 18.6695, 22.0730, 22.0154 by changing the saturation by 10% instead.

■ 18.6695, 22.0730,
22.0154

■ 18.6695, 22.0730,
22.0154

237.5914,
262.9273, 275.5828

■ 11.5343, 13.9105,
13.6698

■ 40.6961, 46.8666,
47.6740

■ 6.4974, 8.0585,
7.7552

■ 56.3182, 64.2666,
65.8240

■ 3.1933, 4.1324,
3.8532

■ 75.5000, 85.5145,
88.0793

■ 1.2568, 1.7479,
1.5452

■ 98.6068, 110.9948,
114.8583

■ 0.1505, 0.4544,
0.2512

126.0039,
141.0918, 146.5796

■ 0.0000, 0.0000,
0.0000

158.0569,

176.1899, 183.6618

195.1309,
216.6736, 226.5233

■ 18.6695, 22.0730,
22.0154

■ 18.6695, 22.0730,
22.0154

■ 16.7238, 21.1159,
19.8765

■ 20.8992, 23.1746,
24.3088

■ 15.0483, 20.2945,
17.8873

■ 23.4224, 24.4238,
26.7583

■ 13.6306, 19.6029,
16.0449

■ 26.2504, 25.8269,
29.3674

■ 12.4566, 19.0341,
14.3458

■ 29.3934, 27.3890,
32.1392

■ 11.5108, 18.5800,
12.7864

■ 32.8609, 29.1152,
35.0765

■ 10.7759, 18.2319,
11.3627

■ 36.6623, 31.0100,
38.1821

■ 10.2318, 17.9794,
10.0707

■ 40.8063, 33.0781,
41.4586

■ 9.8317, 17.7986,
8.9048

■ 45.3016, 35.3238,
44.9089

■ 9.7761, 17.7735,
8.7423

■ 50.1563, 37.7513,
48.5354

Harmonies

Analogous

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



19.3098, 22.0730, 19.1680



18.6695, 22.0730, 22.0154



18.6315, 22.0730, 25.7096

Triad

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



18.6695, 22.0730, 22.0154



21.5570, 22.0730, 31.7268



22.8619, 22.0730, 19.4459

Complementary

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



18.6695, 22.0730, 22.0154



19.0812, 17.7084, 20.8256

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.



23.5174, 22.0730, 22.4324



18.6695, 22.0730, 22.0154



22.7432, 22.0730, 29.6602

Square

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



18.6695, 22.0730, 22.0154



20.2626, 22.0730, 31.5854



23.4731, 22.0730, 26.1718



21.7136, 22.0730, 17.7933

Rectangle

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



18.6695, 22.0730, 22.0154



18.9501, 22.0730, 28.1832



23.4731, 22.0730, 26.1718



23.1493, 22.0730, 20.3130

Sweetspot

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



18.6701, 22.0739, 22.0159



38.4539, 42.0084, 44.5509



19.5170, 22.5984, 18.0853



8.8506, 9.7015, 10.2633



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.



18.6701, 22.0739, 22.0159



31.9889, 38.8167, 37.8697



19.4103, 22.2771, 26.1997



4.7099, 5.2422, 5.4834



9.0211, 16.3913, 8.0968



0.0349, 0.0583, 0.0475

Inverse Universe

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



19.0812, 17.7084, 20.8256



32.8589, 29.5785, 35.3512



18.4278, 17.5191, 17.1624



4.7587, 4.7232, 5.3419



10.0949, 5.1023, 5.0722



0.0386, 0.0191, 0.0368

Previews

White Background



This preview shows how the XYZ color 18.6695, 22.0730, 22.0154 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 18.6695, 22.0730, 22.0154 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 18.6695, 22.0730, 22.0154

Background



This preview shows how black text looks on a background with the XYZ color 18.6695, 22.0730, 22.0154.



This preview shows how white text looks on a background with the XYZ color 18.6695, 22.0730,

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

18.6695, 22.0730, 22.0154

Protanopia

21.0719, 22.1249, 20.9292

Deuteranopia

22.3630, 21.9875, 22.4674



Tritanopia

20.1486, 22.0631, 29.1833

Trichromacy



Original Color

18.6695, 22.0730, 22.0154

Protanomaly

20.0249, 21.9730, 21.2750

Deuteranomaly

20.8484, 21.9810, 22.2127

Tritanomaly

19.6415, 22.0633, 26.5160

Monochromacy



Original Color

18.6695, 22.0730, 22.0154

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.2977, 21.1743, 22.4720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6695, 22.0730, 22.0154 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, 135, 123)` looks like.

```
.text, #text, p{  
    color:rgb(110, 135, 123)  
}
```

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, 135, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 135, 123) }
```

Border

The CSS property to change the border of an element to XYZ 18.6695, 22.0730, 22.0154 is called "border". The border property can be set on classes, ids or directly on the HTML element.

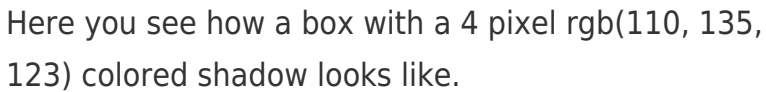
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 135, 123) }
```


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

```
.border{ border-color:rgb(110, 135, 123) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 135, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 135, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 135, 123); box-shadow:4px 4px 4px 4px rgb(110, 135, 123) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6695, 22.0730, 22.0154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 135, 123) }
```

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

```
.background{ background-color: rgb(110,  
135, 123) }
```

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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