

Converting Colors

XYZ(16.1413, 22.5024, 17.1141)

Have a look what the booklet for
XYZ(16.1413, 22.5024, 17.1141)
contains.

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Color

**XYZ(16.1703, 22.6168,
17.1489)**

Conversions

Conversions Part 1

Format	Color
Hex	558F6A
RGB	85, 143, 106
RGB Percent	33%, 56%, 42%
CMY	0.6667, 0.4392, 0.5843
CMYK	0.41, 0.00, 0.26, 0.44
HSL	142°, 25%, 45%
HSV	142°, 41%, 56%
XYZ	16.1703, 22.6168, 17.1489
YIQ	121.4400, -22.6910, -23.8030

Conversions

Conversions Part 2

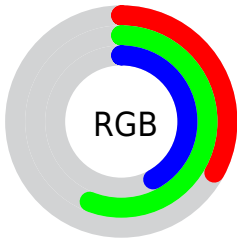
Format	Color
RYB	85, 128, 143
Decimal	5607274
CIELab	54.68, -27.58, 13.85
CIElCh	55, 30.863, 153.343
Yxy	22.6168, 0.2891, 0.4043
Android (android.graphics.Color)	4283797354 (0xFF558F6A)
YUV	121.4400, -7.6119, -31.9579
Hunter-Lab	47.5571, -22.5317, 11.9103

Details

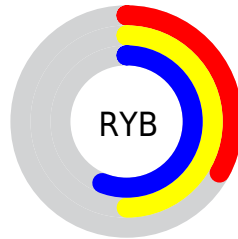
The XYZ color **16.1703, 22.6168, 17.1489** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.0898, 13.7423, 20.1123**, and the grayscale version is **18.3461, 19.3015, 21.0194**.

A 20% lighter version of the original color is **36.3686, 47.6852, 39.1856**, and **5.2763, 8.3101, 5.4636** is the 20% darker color. If you saturate the color by 10%, you get **14.5515, 21.8349, 14.7272**, and if you desaturate by 10%, it is **18.1031, 23.5561, 19.8498**.

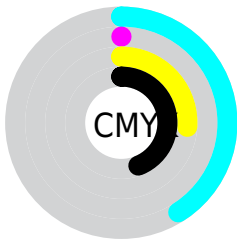
Distribution



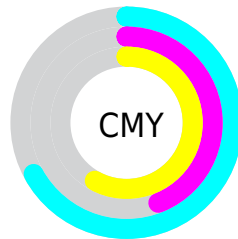
- Red (33%)
- Green (56%)
- Blue (42%)



- Red (33%)
- Yellow (50%)
- Blue (56%)



- Cyan (41%)
- Magenta (0%)
- Yellow (26%)
- Black (44%)



- Cyan (67%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1703, 22.6168, 17.1489 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 16.1703, 22.6168, 17.1489 by changing the saturation by 10% instead.

■ 16.1703, 22.6168,
17.1489

■ 16.1703, 22.6168,
17.1489

223.5952,
265.7506, 248.1019

■ 9.7364, 14.3108,
10.1776

■ 36.4487, 47.7633,
39.3758

■ 5.2854, 8.3372,
5.4097

■ 51.0238, 65.3727,
55.4684

■ 2.4522, 4.3114,
2.4267

■ 69.0434, 86.8519,
75.4387

■ 0.8712, 1.8493,
0.8009

■ 90.8727, 112.5855,
99.7050

■ 0.0000, 0.5176,
0.0000

■ 116.8772,
142.9578, 128.6859

■ 0.0000, 0.0000,
0.0000

147.4222,

178.3531, 162.8000

182.8731,
219.1559, 202.4659

■ 16.1703, 22.6168,
17.1489

■ 16.1703, 22.6168,
17.1489

■ 14.5515, 21.8349,
14.7272

■ 18.1031, 23.5561,
19.8498

■ 13.2276, 21.1986,
12.5742

■ 20.3644, 24.6580,
22.8369

■ 12.1798, 20.6993,
10.6808


■ 22.9695, 25.9310,
26.1190


■ 11.3864, 20.3258,
9.0368


■ 25.9325, 27.3823,
29.7039


■ 10.8222, 20.0655,
7.6316

■ 29.2667, 29.0183,
33.5993

 10.4377, 19.8917,
6.5117

 32.9845, 30.8455,
37.8124

 37.0979, 32.8699,
42.3502

 41.6183, 35.0971,
47.2198

 46.5566, 37.5328,
52.4275

Harmonies

Analogous

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



18.1017, 22.6168, 12.0686



16.1703, 22.6168, 17.1489



15.6117, 22.6168, 25.7333

Triad

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



16.1703, 22.6168, 17.1489



21.8799, 22.6168, 48.4263



27.4295, 22.6168, 15.7064

Complementary

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



16.1703, 22.6168, 17.1489



18.0898, 13.7423, 20.1123

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.



28.7008, 22.6168, 23.5507



16.1703, 22.6168, 17.1489



25.2914, 22.6168, 43.7977

Square

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



16.1703, 22.6168, 17.1489



18.6966, 22.6168, 45.4191



27.8802, 22.6168, 34.0106



24.5630, 22.6168, 11.4030

Rectangle

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



16.1703, 22.6168, 17.1489



16.0386, 22.6168, 32.8090



27.8802, 22.6168, 34.0106



28.0705, 22.6168, 17.9309

Sweetspot

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



16.1709, 22.6177, 17.1494



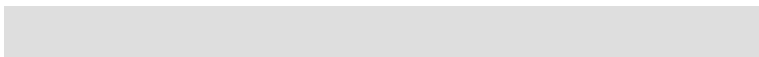
40.2984, 46.0283, 45.7396



19.5885, 24.4907, 12.2894



9.1160, 10.4940, 10.3330



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



16.1709, 22.6177, 17.1494



26.1970, 39.1680, 26.5882



17.8935, 23.3068, 26.2206



5.4185, 6.0596, 6.1699



9.2379, 17.5910, 5.8068



0.0982, 0.1721, 0.1076

Inverse Universe

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



18.0898, 13.7423, 20.1123



30.1328, 20.9349, 32.6439



16.5838, 13.1399, 12.1818



5.5445, 5.4783, 6.3653



11.7043, 5.8387, 9.3602



0.1225, 0.0601, 0.1453

Previews

White Background



This preview shows how the XYZ color 16.1703, 22.6168, 17.1489 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 16.1703, 22.6168, 17.1489 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 16.1703, 22.6168, 17.1489

Background



This preview shows how black text looks on a background with the XYZ color 16.1703, 22.6168, 17.1489.



This preview shows how white text looks on a background with the XYZ color 16.1703, 22.6168,

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

16.1703, 22.6168, 17.1489

Protanopia

20.9303, 22.3743, 15.2721

Deuteranopia

22.7258, 22.2771, 17.8540



Tritanopia

19.0103, 22.4623, 31.3507

Trichromacy



Original Color

16.1703, 22.6168, 17.1489

Protanomaly

18.6700, 22.2092, 15.8732

Deuteranomaly

19.6158, 22.0423, 17.6887

Tritanomaly

17.7806, 22.3828, 25.5735

Monochromacy



Original Color

16.1703, 22.6168, 17.1489

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.1870, 20.1496, 19.5064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1703, 22.6168, 17.1489 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(85, 143, 106)` looks like.

```
.text, #text, p{  
    color:rgb(85, 143, 106)  
}
```

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(85, 143, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 143, 106) }
```

Border

The CSS property to change the border of an element to XYZ 16.1703, 22.6168, 17.1489 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(85, 143, 106) }
```


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

```
.border{ border-color:rgb(85, 143, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 143, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 143, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 143, 106);  
box-shadow:4px 4px 4px 4px rgb(85, 143,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1703, 22.6168, 17.1489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 143, 106) }
```

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

```
.background{ background-color: rgb(85, 143,  
106) }
```

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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