

Converting Colors

XYZ(22.4799, 26.2317, 18.7075)

Have a look what the booklet for
XYZ(22.4799, 26.2317, 18.7075)
contains.

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Color

**XYZ(22.4556, 26.2821,
18.6413)**

Conversions

Conversions Part 1

Format	Color
Hex	84916E
RGB	132, 145, 110
RGB Percent	52%, 57%, 43%
CMY	0.4824, 0.4314, 0.5686
CMYK	0.09, 0.00, 0.24, 0.43
HSL	82°, 14%, 50%
HSV	82°, 24%, 57%
XYZ	22.4556, 26.2821, 18.6413
YIQ	137.1230, 3.4870, -13.6410

Conversions

Conversions Part 2

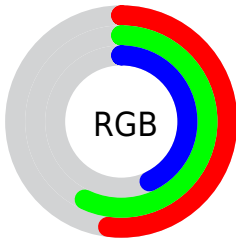
Format	Color
R_{YB}	110, 145, 123
Decimal	8687982
CIE _{Lab}	58.30, -11.18, 17.06
CIE _{LCh}	58, 20.391, 123.234
Y _{xy}	26.2821, 0.3333, 0.3901
Android (android.graphics.Color)	4286878062 (0xFF84916E)
YUV	137.1230, -13.3716, -4.4929
Hunter-Lab	51.2661, -11.5289, 14.3273

Details

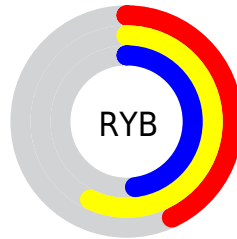
The XYZ color **22.4556, 26.2821, 18.6413** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.8562, 17.4079, 29.1557**, and the grayscale version is **23.8730, 25.1163, 27.3516**.

A 20% lighter version of the original color is **46.9526, 53.7698, 42.0864**, and **8.4414, 10.3261, 6.1056** is the 20% darker color. If you saturate the color by 10%, you get **20.9093, 25.5696, 14.7797**, and if you desaturate by 10%, it is **24.1760, 27.0710, 23.1866**.

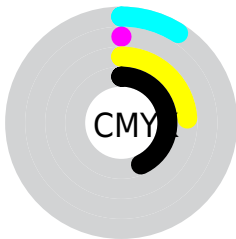
Distribution



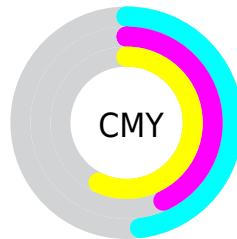
- Red (52%)
- Green (57%)
- Blue (43%)



- Red (43%)
- Yellow (57%)
- Blue (48%)



- Cyan (9%)
- Magenta (0%)
- Yellow (24%)
- Black (43%)



- Cyan (48%)
- Magenta (43%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4556, 26.2821, 18.6413 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 22.4556, 26.2821, 18.6413 by changing the saturation by 10% instead.

■ 22.4556, 26.2821,
18.6413

■ 22.4556, 26.2821,
18.6413

257.5043,
284.1642, 256.8177

■ 14.3105, 17.0348,
11.2372

■ 46.9711, 53.7297,
41.9557

■ 8.4201, 10.2593,
6.1104

■ 64.0723, 72.6988,
58.7031

■ 4.4190, 5.5712,
2.8425

■ 84.8895, 95.6772,
79.4019

■ 1.9418, 2.5862,
1.0148

■ 109.7882,
123.0495, 104.4708

■ 0.6009, 0.9197,
0.0000

139.1336,
155.1999, 134.3283

■ 0.0000, 0.0000,
0.0000

173.2912,

192.5129, 169.3929

212.6263,
235.3728, 210.0832

■ 22.4556, 26.2821,
18.6413

■ 22.4556, 26.2821,
18.6413

■ 20.9093, 25.5696,
14.7797

■ 24.1760, 27.0710,
23.1866

■ 19.5282, 24.9273,
11.5669

■ 26.0749, 27.9355,
28.4447

■ 18.3054, 24.3532,
8.9678

■ 28.1591, 28.8793,
34.4452

■ 17.2328, 23.8440,
6.9429

■ 30.4345, 29.9048,
41.2153

■ 16.3013, 23.3959,
5.4484

■ 32.9066, 31.0143,
48.7811

■ 15.5008, 23.0048,
4.4340

■ 35.5805, 32.2099,
57.1673

■ 14.8187, 22.6657,
3.8379

■ 38.4615, 33.4938,
66.3975

■ 14.4537, 22.4829,
3.5778

■ 41.5544, 34.8680,
76.4946

■ 44.8638, 36.3343,
87.4802

Harmonies

Analogous

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



24.7122, 26.2821, 17.0271



22.4556, 26.2821, 18.6413



20.9579, 26.2821, 22.8935

Triad

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



22.4556, 26.2821, 18.6413



22.8926, 26.2821, 42.6331



30.0532, 26.2821, 27.8528

Complementary

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



22.4556, 26.2821, 18.6413



18.8562, 17.4079, 29.1557

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.



29.4871, 26.2821, 35.2222



22.4556, 26.2821, 18.6413



25.2505, 26.2821, 44.5424

Square

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



22.4556, 26.2821, 18.6413



21.1982, 26.2821, 36.7780



27.6876, 26.2821, 41.6355



29.1875, 26.2821, 21.7621

Rectangle

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



22.4556, 26.2821, 18.6413



20.5356, 26.2821, 27.0368



27.6876, 26.2821, 41.6355



30.0242, 26.2821, 30.2570

Sweetspot

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



22.4563, 26.2833, 18.6419



45.6369, 49.5455, 47.9687



21.5548, 21.2710, 17.7219



10.1145, 11.0047, 10.5655



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.



22.4563, 26.2833, 18.6419



38.6621, 46.3525, 29.4551



19.9672, 25.0001, 18.5254



5.6480, 6.1867, 5.7858



12.4261, 19.2985, 3.0701



0.1432, 0.1971, 0.0305

Inverse Universe

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



18.8562, 17.4079, 29.1557



31.0594, 27.6050, 51.6648



21.5592, 18.8013, 29.2822



5.3070, 5.3465, 6.7810



5.7094, 2.4369, 23.1465



0.0775, 0.0351, 0.2224

Previews

White Background



This preview shows how the XYZ color 22.4556, 26.2821, 18.6413 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 22.4556, 26.2821, 18.6413 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 22.4556, 26.2821, 18.6413

Background



This preview shows how black text looks on a background with the XYZ color 22.4556, 26.2821, 18.6413.



This preview shows how white text looks on a background with the XYZ color 22.4556, 26.2821,

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

22.4556, 26.2821, 18.6413

Protanopia

24.4793, 26.2284, 17.9598

Deuteranopia

26.5540, 26.0066, 18.9495



Tritanopia

25.4452, 26.3938, 33.0316

Trichromacy



Original Color

22.4556, 26.2821, 18.6413

Protanomaly

23.7610, 26.2898, 18.2901

Deuteranomaly

24.9066, 26.0001, 18.7447

Tritanomaly

24.2703, 26.3578, 27.1009

Monochromacy



Original Color

22.4556, 26.2821, 18.6413

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.2005, 25.4394, 23.7662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4556, 26.2821, 18.6413 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(132, 145, 110)` looks like.

```
.text, #text, p{  
    color:rgb(132, 145, 110)  
}
```

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(132, 145, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 145, 110) }
```

Border

The CSS property to change the border of an element to XYZ 22.4556, 26.2821, 18.6413 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(132, 145, 110) }
```


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

```
.border{ border-color:rgb(132, 145, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 145, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 145, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 145, 110);  
box-shadow:4px 4px 4px 4px rgb(132, 145,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4556, 26.2821, 18.6413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 145, 110) }
```

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

```
.background{ background-color: rgb(132,  
145, 110) }
```

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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