

Converting Colors

XYZ(22.5123, 26.5824, 17.7060)

Have a look what the booklet for
XYZ(22.5123, 26.5824, 17.7060)
contains.

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Color

**XYZ(22.3961, 26.5039,
17.5710)**

Conversions

Conversions Part 1

Format	Color
Hex	84926A
RGB	132, 146, 106
RGB Percent	52%, 57%, 42%
CMY	0.4824, 0.4274, 0.5843
CMYK	0.10, 0.00, 0.27, 0.43
HSL	81°, 16%, 49%
HSV	81°, 27%, 57%
XYZ	22.3961, 26.5039, 17.5710
YIQ	137.2540, 4.4960, -15.4080

Conversions

Conversions Part 2

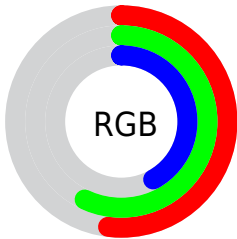
Format	Color
R_{YB}	106, 146, 120
Decimal	8688234
CIE _{Lab}	58.51, -12.35, 19.58
CIE _{LCh}	59, 23.150, 122.232
Yxy	26.5039, 0.3369, 0.3987
Android (android.graphics.Color)	4286878314 (0xFF84926A)
YUV	137.2540, -15.4082, -4.6078
Hunter-Lab	51.4819, -12.4408, 15.8014

Details

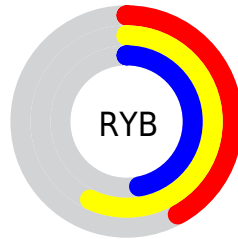
The XYZ color **22.3961, 26.5039, 17.5710** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.0891, 16.3772, 29.4033**, and the grayscale version is **23.9299, 25.1761, 27.4167**.

A 20% lighter version of the original color is **46.8334, 54.0915, 40.3201**, and **8.4263, 10.4651, 5.5788** is the 20% darker color. If you saturate the color by 10%, you get **20.9210, 25.8247, 13.8705**, and if you desaturate by 10%, it is **24.0410, 27.2574, 21.9554**.

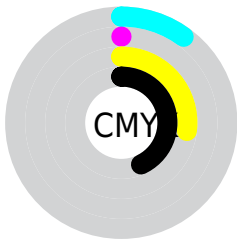
Distribution



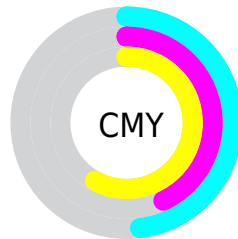
- Red (52%)
- Green (57%)
- Blue (42%)



- Red (42%)
- Yellow (57%)
- Blue (47%)



- Cyan (10%)
- Magenta (0%)
- Yellow (27%)
- Black (43%)



- Cyan (48%)
- Magenta (43%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3961, 26.5039, 17.5710 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 22.3961, 26.5039, 17.5710 by changing the saturation by 10% instead.

■ 22.3961, 26.5039,
17.5710

■ 22.3961, 26.5039,
17.5710

257.2015,
285.2470, 250.5961

■ 14.2665, 17.2010,
10.4762

■ 46.8738, 54.0868,
40.1090

■ 8.3892, 10.3779,
5.6061

■ 63.9526, 73.1355,
56.3892

■ 4.3989, 5.6502,
2.5422

■ 84.7451, 96.2016,
76.5683

■ 1.9302, 2.6336,
0.8624

■ 109.6167,
123.6695, 101.0649

■ 0.5943, 0.9436,
0.0000

138.9328,
155.9236, 130.2974

■ 0.0000, 0.0000,
0.0000

173.0588,

193.3483, 164.6844

212.3599,
236.3280, 204.6445

■ 22.3961, 26.5039,
17.5710

■ 22.3961, 26.5039,
17.5710

■ 20.9210, 25.8247,
13.8705

■ 24.0410, 27.2574,
21.9554

■ 19.6066, 25.2133,
10.8176

■ 25.8604, 28.0843,
27.0541

■ 18.4459, 24.6678,
8.3754

■ 27.8611, 28.9884,
32.8977

■ 17.4305, 24.1847,
6.5026

■ 30.0490, 29.9722,
39.5144

■ 16.5508, 23.7602,
5.1527

■ 32.4297, 31.0378,
46.9311

■ 15.7962, 23.3899,
4.2717

■ 35.0086, 32.1875,
55.1734

■ 15.1476, 23.0661,
3.7629

■ 37.7908, 33.4234,
64.2656

■ 14.9877, 22.9861,
3.6468

■ 40.7813, 34.7476,
74.2312

■ 43.9847, 36.1619,
85.0927

Harmonies

Analogous

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



24.9796, 26.5039, 15.9078



22.3961, 26.5039, 17.5710



20.6720, 26.5039, 22.1831

Triad

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



22.3961, 26.5039, 17.5710



22.7376, 26.5039, 44.9804



31.0358, 26.5039, 28.2549

Complementary

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



22.3961, 26.5039, 17.5710



18.0891, 16.3772, 29.4033

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.



30.3251, 26.5039, 36.7538



22.3961, 26.5039, 17.5710



25.4039, 26.5039, 47.4226

Square

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



22.3961, 26.5039, 17.5710



20.8585, 26.5039, 38.0042



28.2096, 26.5039, 44.1686



30.0857, 26.5039, 21.3117

Rectangle

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



22.3961, 26.5039, 17.5710



20.1701, 26.5039, 26.8005



28.2096, 26.5039, 44.1686



30.9831, 26.5039, 31.0187

Sweetspot

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



22.3968, 26.5051, 17.5716



45.3620, 49.4251, 46.9915



21.1730, 20.5854, 16.4935



9.9893, 10.9489, 10.1635



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.



22.3968, 26.5051, 17.5716



37.8423, 45.9885, 26.7663



19.5633, 25.0444, 17.4390



6.0704, 6.6441, 6.2030



13.2131, 20.2395, 3.2102



0.1937, 0.2642, 0.0408

Inverse Universe

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



18.0891, 16.3772, 29.4033



28.9226, 25.0099, 51.2766



21.1585, 17.9595, 29.5469



5.6796, 5.7258, 7.2756



5.7943, 2.4596, 24.1004



0.1006, 0.0454, 0.2964

Previews

White Background



This preview shows how the XYZ color 22.3961, 26.5039, 17.5710 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 22.3961, 26.5039, 17.5710 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

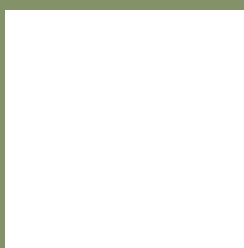
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.3961, 26.5039, 17.5710

Background



This preview shows how black text looks on a background with the XYZ color 22.3961, 26.5039, 17.5710.



This preview shows how white text looks on a background with the XYZ color 22.3961, 26.5039,

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

22.3961, 26.5039, 17.5710

Protanopia

24.5888, 26.3147, 16.6153

Deuteranopia

26.8878, 26.4100, 17.8679



Tritanopia

25.4452, 26.3938, 33.0316

Trichromacy



Original Color

22.3961, 26.5039, 17.5710

Protanomaly

23.6733, 26.2748, 16.9205

Deuteranomaly

25.0233, 26.2991, 17.6673

Tritanomaly

24.1995, 26.3295, 26.7283

Monochromacy



Original Color

22.3961, 26.5039, 17.5710

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.1357, 25.4134, 23.4246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3961, 26.5039, 17.5710 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, 146, 106)` looks like.

```
.text, #text, p{  
    color:rgb(132, 146, 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(132, 146, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 146, 106) }
```

Border

The CSS property to change the border of an element to XYZ 22.3961, 26.5039, 17.5710 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, 146, 106) }
```


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

```
.border{ border-color:rgb(132, 146, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 146, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 146, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 146, 106);  
box-shadow:4px 4px 4px 4px rgb(132, 146,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3961, 26.5039, 17.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 146, 106) }
```

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

```
.background{ background-color: rgb(132,  
146, 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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