

Converting Colors

XYZ(26.5419, 22.9071, 19.5877)

Have a look what the booklet for
XYZ(26.5419, 22.9071, 19.5877)
contains.

XYZ(26.6441, 22.9885, 19.5559)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.6441, 22.9885,
19.5559)**

Conversions

Conversions Part 1

Format	Color
Hex	AC7674
RGB	172, 118, 116
RGB Percent	67%, 46%, 45%
CMY	0.3255, 0.5372, 0.5451
CMYK	0.00, 0.31, 0.33, 0.33
HSL	2°, 25%, 56%
HSV	2°, 33%, 67%
XYZ	26.6441, 22.9885, 19.5559
YIQ	133.9180, 32.8260, 10.8260

Conversions

Conversions Part 2

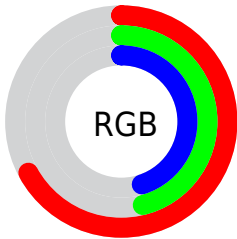
Format	Color
R_{YB}	172, 118, 116
Decimal	11302516
CIE _{Lab}	55.06, 20.94, 9.68
CIE _{LCh}	55, 23.066, 24.804
Yxy	22.9885, 0.3851, 0.3323
Android (android.graphics.Color)	4289492596 (0xFFAC7674)
YUV	133.9180, -8.8336, 33.3979
Hunter-Lab	47.9463, 15.2876, 9.3798

Details

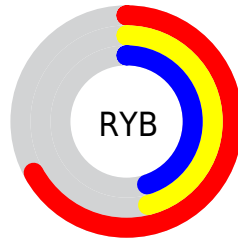
The XYZ color **26.6441, 22.9885, 19.5559** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.0230, 35.4398, 44.3407**, and the grayscale version is **22.6534, 23.8331, 25.9543**.

A 20% lighter version of the original color is **53.9439, 48.6110, 43.5855**, and **10.6427, 8.5252, 6.5534** is the 20% darker color. If you saturate the color by 10%, you get **23.9505, 19.0569, 14.1705**, and if you desaturate by 10%, it is **29.8676, 27.6832, 26.0323**.

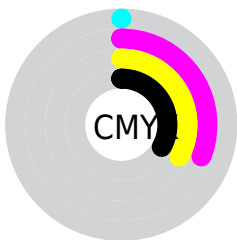
Distribution



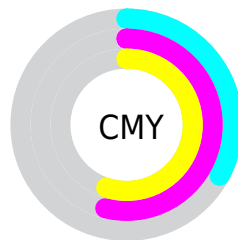
- Red (67%)
- Green (46%)
- Blue (45%)



- Red (67%)
- Yellow (46%)
- Blue (45%)



- Cyan (0%)
- Magenta (31%)
- Yellow (33%)
- Black (33%)




- Cyan (33%)
- Magenta (54%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6441, 22.9885, 19.5559 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 26.6441, 22.9885, 19.5559 by changing the saturation by 10% instead.


 26.6441, 22.9885,
19.5559


 26.6441, 22.9885,
19.5559


278.1288,
267.6659, 262.0249


 17.4413, 14.5850,
11.8918


 53.7362, 48.3744,
43.5205

 10.6469, 8.5287,
6.5484


 72.3561, 66.1257,
60.6580

 5.8955, 4.4350,
3.1072

 94.8459, 87.7617,
81.7905

 2.8217, 1.9198,
1.1496

121.5708,
113.6667, 107.3363

 1.0602, 0.5602,
0.0000

152.8962,
144.2253, 137.7142

 0.0000, 0.0000,
0.0000

189.1874,

179.8217, 173.3425

230.8099,
220.8405, 214.6399

■ 26.6441, 22.9885,
19.5559

■ 26.6441, 22.9885,
19.5559

■ 23.9505, 19.0569,
14.1705

■ 29.8676, 27.6832,
26.0323

■ 21.7567, 15.8449,
9.8149

■ 33.6453, 33.1748,
33.6538

■ 20.0325, 13.3101,
6.4238

■ 38.0021, 39.4991,
42.4723

■ 18.7436, 11.4038,
3.9239

■ 42.9611, 46.6887,
52.5364

■ 17.8511, 10.0713,
2.2314

■ 48.5438, 54.7745,
63.8917

■ 17.3091, 9.2481,
1.2468

■ 54.7710, 63.7858,
76.5818

■ 17.0801, 8.9043,
0.8185

■ 61.6623, 73.7508,
90.6481

■ 69.2365, 84.6962,
106.1301

■ 70.8233, 87.5107,
107.7662

Harmonies

Analogous

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



27.1438, 22.9885, 26.3329



26.6441, 22.9885, 19.5559



24.8203, 22.9885, 15.1641

Triad

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



26.6441, 22.9885, 19.5559



18.0592, 22.9885, 17.7344



21.4059, 22.9885, 41.9144

Complementary

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



26.6441, 22.9885, 19.5559



29.0230, 35.4398, 44.3407

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.



19.1264, 22.9885, 38.4518



26.6441, 22.9885, 19.5559



17.2933, 22.9885, 23.7719

Square

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



26.6441, 22.9885, 19.5559



19.8438, 22.9885, 14.2657



17.6683, 22.9885, 31.4421



23.9868, 22.9885, 40.1817

Rectangle

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



26.6441, 22.9885, 19.5559



23.1695, 22.9885, 13.7162



17.6683, 22.9885, 31.4421



20.5813, 22.9885, 41.3023

Sweetspot

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



26.6447, 22.9896, 19.5564



62.8205, 62.7736, 64.6578



30.5271, 24.1690, 41.1526



13.4296, 13.3187, 13.6013



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.6447, 22.9896, 19.5564



44.7520, 36.4748, 28.3050



30.4242, 30.5485, 20.8162



8.0274, 8.0596, 8.3459



12.7191, 6.6437, 0.6120



0.3611, 0.1994, 0.0195

Inverse Universe

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



29.0230, 35.4398, 44.3407



49.7338, 62.5669, 80.2611



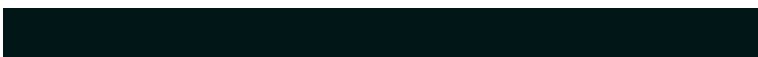
24.3419, 26.0775, 42.7803



8.2114, 9.0222, 10.2614



15.6769, 22.4877, 32.5588



0.4435, 0.6404, 0.9082

Previews

White Background



This preview shows how the XYZ color 26.6441, 22.9885, 19.5559 looks on a white background.

Color Contrast Check

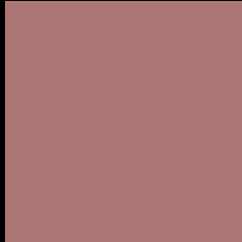
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6441, 22.9885, 19.5559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

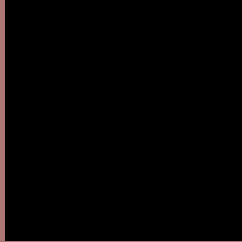
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6441, 22.9885, 19.5559

Background



This preview shows how black text looks on a background with the XYZ color 26.6441, 22.9885, 19.5559.



This preview shows how white text looks on a background with the XYZ color 26.6441, 22.9885,

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

26.6441, 22.9885, 19.5559

Protanopia

22.1429, 23.2510, 22.0597

Deuteranopia

23.3891, 22.9730, 19.1211



Tritanopia

27.2965, 23.0875, 22.4197

Trichromacy



Original Color

26.6441, 22.9885, 19.5559

Protanomaly

23.5572, 23.0188, 20.9708

Deuteranomaly

24.6002, 23.0240, 19.3672

Tritanomaly

27.1077, 23.0120, 21.4254

Monochromacy



Original Color

26.6441, 22.9885, 19.5559

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.7627, 23.2665, 23.3171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6441, 22.9885, 19.5559 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(172, 118, 116)` looks like.

```
.text, #text, p{  
    color:rgb(172, 118, 116)  
}
```

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(172, 118, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 118, 116) }
```

Border

The CSS property to change the border of an element to XYZ 26.6441, 22.9885, 19.5559 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(172, 118, 116) }
```


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

```
.border{ border-color:rgb(172, 118, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 118, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 118, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 118, 116);  
box-shadow:4px 4px 4px 4px rgb(172, 118,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6441, 22.9885, 19.5559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 118, 116) }
```

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

```
.background{ background-color: rgb(172,  
118, 116) }
```

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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