

Converting Colors

XYZ(30.3740, 26.2537, 22.4880)

Have a look what the booklet for
XYZ(30.3740, 26.2537, 22.4880)
contains.

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Color

**XYZ(30.3903, 26.3220,
22.5477)**

Conversions

Conversions Part 1

Format	Color
Hex	B67E7C
RGB	182, 126, 124
RGB Percent	71%, 49%, 49%
CMY	0.2863, 0.5059, 0.5137
CMYK	0.00, 0.31, 0.32, 0.29
HSL	2°, 28%, 60%
HSV	2°, 32%, 71%
XYZ	30.3903, 26.3220, 22.5477
YIQ	142.5160, 34.0180, 11.2500

Conversions

Conversions Part 2

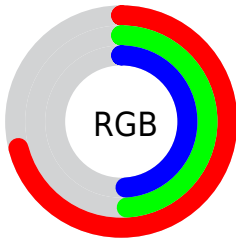
Format	Color
R_{YB}	182, 126, 124
Decimal	11959932
CIE _{Lab}	58.34, 21.47, 9.85
CIE _{LCh}	58, 23.617, 24.649
Yxy	26.3220, 0.3834, 0.3321
Android (android.graphics.Color)	4290150012 (0xFFB67E7C)
YUV	142.5160, -9.1284, 34.6275
Hunter-Lab	51.3050, 15.9501, 9.8565

Details

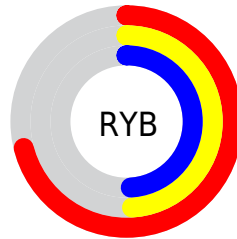
The XYZ color **30.3903, 26.3220, 22.5477** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **33.0763, 40.3035, 50.2920**, and the grayscale version is **25.9419, 27.2929, 29.7220**.

A 20% lighter version of the original color is **59.5532, 53.7255, 48.3056**, and **12.6068, 10.1889, 7.9588** is the 20% darker color. If you saturate the color by 10%, you get **27.2910, 21.7983, 16.3506**, and if you desaturate by 10%, it is **34.0981, 31.7224, 29.9962**.

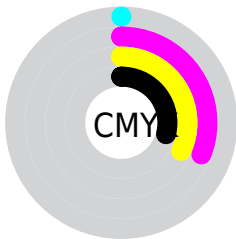
Distribution



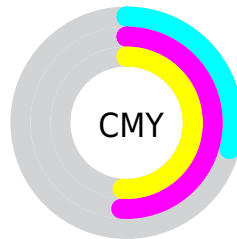
- Red (71%)
- Green (49%)
- Blue (49%)



- Red (71%)
- Yellow (49%)
- Blue (49%)



- Cyan (0%)
- Magenta (31%)
- Yellow (32%)
- Black (29%)





- Cyan (29%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3903, 26.3220, 22.5477 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 30.3903, 26.3220, 22.5477 by changing the saturation by 10% instead.


 30.3903, 26.3220,
22.5477


 30.3903, 26.3220,
22.5477


295.5968,
284.3592, 278.4395


 20.2846, 17.0647,
14.0577


 59.6613, 53.7940,
48.5633

 12.7115, 10.2806,
8.0216


 79.5572, 72.7774,
66.9261

 7.3058, 5.5854,
4.0208

 103.4473, 95.7716,
89.4168

 3.7021, 2.5947,
1.6368

131.6968,
123.1611, 116.4541

 1.5350, 0.9240,
0.3169

164.6712,
155.3302, 148.4565

 0.3495, 0.0000,
0.0000

202.7357,

 0.0000, 0.0000,

192.6633, 185.8425

0.0000

246.2558,
235.5449, 229.0306

■ 30.3903, 26.3220,
22.5477

■ 30.3903, 26.3220,
22.5477

■ 27.2910, 21.7983,
16.3506

■ 34.0981, 31.7224,
29.9962

■ 24.7657, 18.1017,
11.3348

■ 38.4423, 38.0384,
38.7579

■ 22.7798, 15.1832,
7.4257


■ 43.4515, 45.3111,
48.8923


■ 21.2940, 12.9871,
4.5397


■ 49.1520, 53.5778,
60.4548

■ 20.2638, 11.4506,
2.5811


■ 55.5686, 62.8741,
73.4978

 19.6367, 10.4999,
1.4363

 62.7251, 73.2338,
88.0710

 19.3596, 10.0816,
0.9256

 70.6440, 84.6888,
104.2218

 73.1014, 88.6851,
107.8728

Harmonies

Analogous

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



30.9400, 26.3220, 30.1632



30.3903, 26.3220, 22.5477



28.3573, 26.3220, 17.5833

Triad

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



30.3903, 26.3220, 22.5477



20.7722, 26.3220, 20.4364



24.5059, 26.3220, 47.5044

Complementary

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



30.3903, 26.3220, 22.5477



33.0763, 40.3035, 50.2920

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.



21.9522, 26.3220, 43.6209



30.3903, 26.3220, 22.5477



19.9049, 26.3220, 27.2079

Square

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



30.3903, 26.3220, 22.5477



22.7814, 26.3220, 16.5379



20.3198, 26.3220, 35.7881



27.3970, 26.3220, 45.6052

Rectangle

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



30.3903, 26.3220, 22.5477



26.5115, 26.3220, 15.9366



20.3198, 26.3220, 35.7881



23.5822, 26.3220, 46.8128

Sweetspot

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



30.3910, 26.3233, 22.5482



71.1517, 71.0785, 73.2101



34.7442, 27.6586, 46.7231



15.4493, 15.3128, 15.6325



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.3910, 26.3233, 22.5482



51.1739, 41.9974, 33.0265



34.6399, 34.8210, 23.9645



9.0288, 9.0606, 9.3799



13.6817, 7.1398, 0.6570



0.4908, 0.2686, 0.0260

Inverse Universe

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



33.0763, 40.3035, 50.2920



56.7798, 71.1958, 90.9853



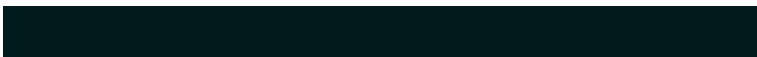
27.8332, 29.8174, 48.5443



9.2394, 10.1560, 11.5528



16.8972, 24.2540, 35.0440



0.6040, 0.8717, 1.2382

Previews

White Background



This preview shows how the XYZ color 30.3903, 26.3220, 22.5477 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 30.3903, 26.3220, 22.5477 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 30.3903, 26.3220, 22.5477

Background



This preview shows how black text looks on a background with the XYZ color 30.3903, 26.3220, 22.5477.



This preview shows how white text looks on a background with the XYZ color 30.3903, 26.3220,

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

30.3903, 26.3220, 22.5477

Protanopia

25.1519, 26.4146, 25.2456

Deuteranopia

26.8748, 26.3102, 22.0743



Tritanopia

31.0392, 26.2038, 25.9762

Trichromacy



Original Color

30.3903, 26.3220, 22.5477

Protanomaly

26.6608, 26.1556, 24.0654

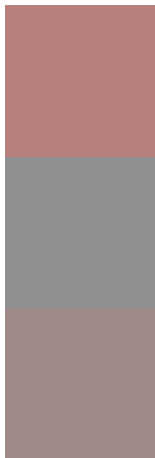
Deuteranomaly

28.1886, 26.3676, 22.3426

Tritanomaly

30.8913, 26.3462, 24.5763

Monochromacy



Original Color

30.3903, 26.3220, 22.5477

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.2942, 26.8370, 27.0340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3903, 26.3220, 22.5477 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(182, 126, 124)` looks like.

```
.text, #text, p{  
    color:rgb(182, 126, 124)  
}
```

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(182, 126, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 126, 124) }
```

Border

The CSS property to change the border of an element to XYZ 30.3903, 26.3220, 22.5477 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(182, 126, 124) }
```


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

```
.border{ border-color:rgb(182, 126, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 126, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 126, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 126, 124);  
box-shadow:4px 4px 4px 4px rgb(182, 126,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3903, 26.3220, 22.5477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 126, 124) }
```

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

```
.background{ background-color: rgb(182,  
126, 124) }
```

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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