

Converting Colors

XYZ(29.4298, 27.1405, 26.4309)

Have a look what the booklet for
XYZ(29.4298, 27.1405, 26.4309)
contains.

XYZ(29.5553, 27.1823, 26.6106)	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(29.5553, 27.1823,
26.6106)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8587
RGB	171, 133, 135
RGB Percent	67%, 52%, 53%
CMY	0.3294, 0.4784, 0.4706
CMYK	0.00, 0.22, 0.21, 0.33
HSL	357°, 18%, 60%
HSV	357°, 22%, 67%
XYZ	29.5553, 27.1823, 26.6106
YIQ	144.5900, 22.0060, 8.6780

Conversions

Conversions Part 2

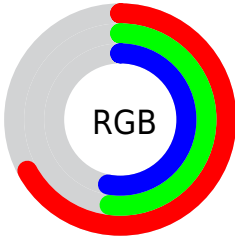
Format	Color
R_{YB}	171, 133, 135
Decimal	11240839
CIE _{Lab}	59.14, 14.85, 4.51
CIE _{LCh}	59, 15.522, 16.902
Yxy	27.1823, 0.3546, 0.3261
Android (android.graphics.Color)	4289430919 (0xFFAB8587)
YUV	144.5900, -4.7279, 23.1616
Hunter-Lab	52.1366, 9.9492, 6.2340

Details

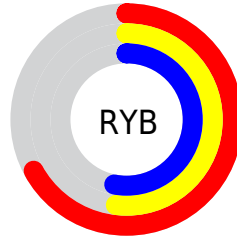
The XYZ color **29.5553, 27.1823, 26.6106** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.3984, 36.9776, 43.0206**, and the grayscale version is **26.7604, 28.1540, 30.6597**.

A 20% lighter version of the original color is **58.3146, 55.0795, 55.1349**, and **12.2042, 10.6939, 10.0152** is the 20% darker color. If you saturate the color by 10%, you get **26.3468, 22.4538, 20.3350**, and if you desaturate by 10%, it is **33.3201, 32.7450, 33.9287**.

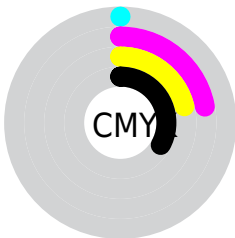
Distribution



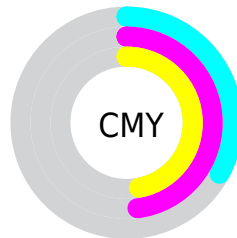
- Red (67%)
- Green (52%)
- Blue (53%)



- Red (67%)
- Yellow (52%)
- Blue (53%)



- Cyan (0%)
- Magenta (22%)
- Yellow (21%)
- Black (33%)



- Cyan (33%)
- Magenta (48%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5553, 27.1823, 26.6106 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 29.5553, 27.1823, 26.6106 by changing the saturation by 10% instead.

■ 29.5553, 27.1823,
26.6106

■ 29.5553, 27.1823,
26.6106

291.7732,
288.5387, 299.4670

■ 19.6477, 17.7102,
17.0511

■ 58.3497, 55.1763,
55.2545

■ 12.2460, 10.7421,
10.1086

■ 77.9671, 74.4669,
75.1760

■ 6.9848, 5.8937,
5.3645

■ 101.5519, 97.7992,
99.3886

■ 3.4989, 2.7806,
2.4002

129.4694,
125.5574, 128.3109

■ 1.4227, 1.0183,
0.7866

162.0849,
158.1261, 162.3613

■ 0.2723, 0.0000,
0.0000

199.7638,

■ 0.0000, 0.0000,

195.8897, 201.9584

0.0000

242.8715,
239.2324, 247.5208

■ 29.5553, 27.1823,
26.6106

■ 29.5553, 27.1823,
26.6106

■ 26.3468, 22.4538,
20.3350

■ 33.3201, 32.7450,
33.9287

■ 23.6660, 18.5158,
15.0529

■ 37.6634, 39.1754,
42.3319

■ 21.4854, 15.3264,
10.7139

■ 42.6089, 46.5098,
51.8625

■ 19.7740, 12.8379,
7.2624

■ 48.1786, 54.7813,
62.5600

■ 18.4972, 10.9978,
4.6371

■ 54.3929, 64.0212,
74.4622

■ 17.6157, 9.7457,
2.7688

■ 61.2718, 74.2596,
87.6048

■ 17.0834, 9.0100,
1.5772

■ 68.8341, 85.5251,
102.0224

■ 16.8439, 8.6777,
1.0452

■ 70.6047, 87.3980,
107.7560

Harmonies

Analogous

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



29.6252, 27.1823, 32.0736



29.5553, 27.1823, 26.6106



28.4578, 27.1823, 22.4891

Triad

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



29.5553, 27.1823, 26.6106



23.2176, 27.1823, 22.9075



25.0034, 27.1823, 41.2138

Complementary

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



29.5553, 27.1823, 26.6106



31.3984, 36.9776, 43.0206

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.



23.3803, 27.1823, 38.0637



29.5553, 27.1823, 26.6106



22.3845, 27.1823, 27.2511

Square

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



29.5553, 27.1823, 26.6106



24.7710, 27.1823, 20.5409



22.4425, 27.1823, 32.7987



26.9310, 27.1823, 40.9863

Rectangle

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



29.5553, 27.1823, 26.6106



27.3207, 27.1823, 20.8507



22.4425, 27.1823, 32.7987



24.4060, 27.1823, 40.4997

Sweetspot

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



29.5560, 27.1835, 26.6112



63.5060, 64.3147, 68.1858



31.9870, 28.0928, 42.2648



14.0634, 14.1963, 15.0147



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.



29.5560, 27.1835, 26.6112



49.7903, 44.0493, 41.5221



31.8505, 31.9953, 26.6889



8.0217, 8.0219, 8.4249



12.7040, 6.5441, 0.8206



0.3588, 0.1842, 0.0513

Inverse Universe

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



29.5560, 27.1835, 26.6112



49.7903, 44.0493, 41.5221



28.6685, 31.2156, 43.0425



8.0217, 8.0219, 8.4249



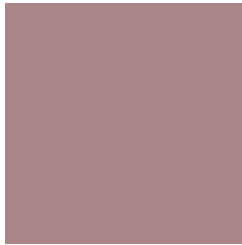
12.7040, 6.5441, 0.8206



0.3588, 0.1842, 0.0513

Previews

White Background



This preview shows how the XYZ color 29.5553, 27.1823, 26.6106 looks on a white background.

Color Contrast Check

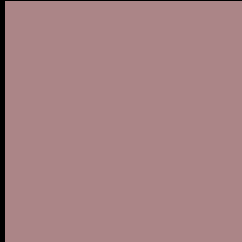
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5553, 27.1823, 26.6106 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 29.5553, 27.1823, 26.6106

Background



This preview shows how black text looks on a background with the XYZ color 29.5553, 27.1823, 26.6106.



This preview shows how white text looks on a background with the XYZ color 29.5553, 27.1823,

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

29.5553, 27.1823, 26.6106

Protanopia

26.2607, 27.3504, 28.7060

Deuteranopia

27.6896, 27.2691, 26.3583



Tritanopia

30.1470, 27.2262, 29.2574

Trichromacy



Original Color

29.5553, 27.1823, 26.6106

Protanomaly

27.3376, 27.2688, 27.8673

Deuteranomaly

28.2115, 27.1161, 26.3013

Tritanomaly

29.9247, 27.1373, 28.0869

Monochromacy



Original Color

29.5553, 27.1823, 26.6106

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.6590, 27.8429, 29.1157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5553, 27.1823, 26.6106 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(171, 133, 135)` looks like.

```
.text, #text, p{  
    color:rgb(171, 133, 135)  
}
```

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(171, 133, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 133, 135) }
```

Border

The CSS property to change the border of an element to XYZ 29.5553, 27.1823, 26.6106 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(171, 133, 135) }
```


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

```
.border{ border-color:rgb(171, 133, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 133, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 133, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 133, 135);  
box-shadow:4px 4px 4px 4px rgb(171, 133,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5553, 27.1823, 26.6106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 133, 135) }
```

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

```
.background{ background-color: rgb(171,  
133, 135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor