

Converting Colors

XYZ(28.2679, 23.3562, 26.6880)

Have a look what the booklet for
XYZ(28.2679, 23.3562, 26.6880)
contains.

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Color

**XYZ(28.2163, 23.2956,
26.6762)**

Conversions

Conversions Part 1

Format	Color
Hex	AE7489
RGB	174, 116, 137
RGB Percent	68%, 45%, 54%
CMY	0.3176, 0.5451, 0.4627
CMYK	0.00, 0.33, 0.21, 0.32
HSL	338°, 26%, 57%
HSV	338°, 33%, 68%
XYZ	28.2163, 23.2956, 26.6762
YIQ	135.7360, 27.8270, 18.8270

Conversions

Conversions Part 2

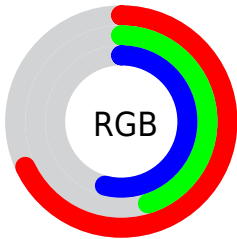
Format	Color
R_{YB}	174, 116, 137
Decimal	11433097
CIE Lab	55.38, 25.89, -2.09
CIE LCh	55, 25.978, 355.396
Yxy	23.2956, 0.3609, 0.2979
Android (android.graphics.Color)	4289623177 (0xFFAE7489)
YUV	135.7360, 0.6232, 33.5575
Hunter-Lab	48.2655, 19.8875, 1.0165

Details

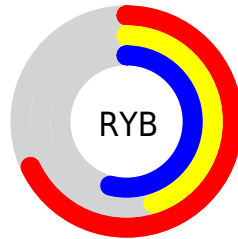
The XYZ color **28.2163, 23.2956, 26.6762** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.0893, 36.2856, 35.6622**, and the grayscale version is **23.2941, 24.5072, 26.6883**.

A 20% lighter version of the original color is **56.1154, 48.9166, 55.1995**, and **11.4732, 8.6955, 10.0905** is the 20% darker color. If you saturate the color by 10%, you get **25.6395, 19.3514, 22.0887**, and if you desaturate by 10%, it is **31.2520, 28.0261, 31.8215**.

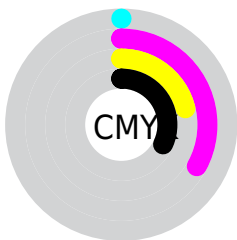
Distribution



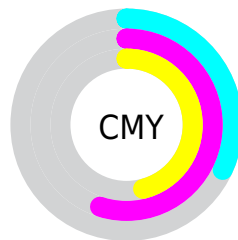
- Red (68%)
- Green (45%)
- Blue (54%)



- Red (68%)
- Yellow (45%)
- Blue (54%)



- Cyan (0%)
- Magenta (33%)
- Yellow (21%)
- Black (32%)





- Cyan (32%)
- Magenta (55%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.2163, 23.2956, 26.6762 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 28.2163, 23.2956, 26.6762 by changing the saturation by 10% instead.

 28.2163, 23.2956,
26.6762


 28.2163, 23.2956,
26.6762


285.5604,
269.2396, 299.7963

 18.6301, 14.8119,
17.0999


 56.2358, 48.8782,
55.3612

 11.5057, 8.6875,
10.1430


 75.3998, 66.7460,
75.3071

 6.4778, 4.5379,
5.3871


 98.4871, 88.5106,
99.5465

 3.1812, 1.9788,
2.4134

125.8630,
114.5564, 128.4980

 1.2503, 0.5951,
0.7937

157.8930,
145.2678, 162.5802

 0.1455, 0.0000,
0.0000

194.9423,

 0.0000, 0.0000,

181.0292, 202.2117

0.0000

237.3763,
222.2250, 247.8108

■ 28.2163, 23.2956,
26.6762

■ 28.2163, 23.2956,
26.6762

■ 25.6395, 19.3514,
22.0887

■ 31.2520, 28.0261,
31.8215

■ 23.4963, 16.1472,
18.0375

■ 34.7664, 33.5793,
37.5420

■ 21.7614, 13.6368,
14.5018

■ 38.7805, 39.9933,
43.8561


■ 20.4065, 11.7676,
11.4586


■ 43.3133, 47.3030,
50.7810

■ 19.3990, 10.4792,
8.8829


■ 48.3831, 55.5410,
58.3330


 18.7004, 9.6994,
6.7467

 54.0070, 64.7385,
66.5280

 18.3527, 9.3575,
5.5405

 60.2013, 74.9253,
75.3810

 66.9166, 85.9991,
84.8850

 68.4882, 86.6277,
93.1608

Harmonies

Analogous

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



27.0867, 23.2956, 35.6246



28.2163, 23.2956, 26.6762



27.6049, 23.2956, 19.0806

Triad

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



28.2163, 23.2956, 26.6762



19.8223, 23.2956, 13.4452



19.1068, 23.2956, 41.0171

Complementary

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



28.2163, 23.2956, 26.6762



28.0893, 36.2856, 35.6622

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.



17.4516, 23.2956, 32.8967



28.2163, 23.2956, 26.6762



17.8385, 23.2956, 17.2925

Square

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



28.2163, 23.2956, 26.6762



22.5950, 23.2956, 12.4862



17.0083, 23.2956, 24.0974



21.6946, 23.2956, 44.9819

Rectangle

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



28.2163, 23.2956, 26.6762



26.3185, 23.2956, 15.5609



17.0083, 23.2956, 24.0974



18.4321, 23.2956, 38.6068

Sweetspot

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



28.2170, 23.2967, 26.6767



65.2595, 64.4071, 71.5917



26.9729, 22.2944, 42.9262



14.2888, 13.9713, 15.5698



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.2170, 23.2967, 26.6767



47.6556, 36.8449, 42.1534



27.7831, 24.6093, 19.8101



8.1206, 8.0615, 8.9458



13.3375, 6.7976, 4.1569



0.3977, 0.1998, 0.2562

Inverse Universe

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



28.2170, 23.2967, 26.6767



47.6556, 36.8449, 42.1534



28.5280, 34.1392, 45.1305



8.1206, 8.0615, 8.9458



13.3375, 6.7976, 4.1569



0.3977, 0.1998, 0.2562

Previews

White Background



This preview shows how the XYZ color 28.2163, 23.2956, 26.6762 looks on a white background.

Color Contrast Check

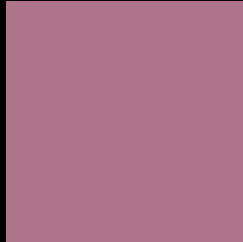
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2163, 23.2956, 26.6762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

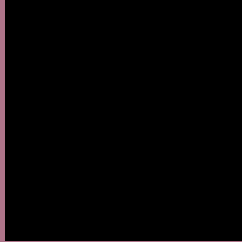
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.2163, 23.2956, 26.6762

Background



This preview shows how black text looks on a background with the XYZ color 28.2163, 23.2956, 26.6762.



This preview shows how white text looks on a background with the XYZ color 28.2163, 23.2956,

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

28.2163, 23.2956, 26.6762

Protanopia

22.8778, 23.4344, 30.9213

Deuteranopia

23.9005, 23.4695, 26.1921



Tritanopia

27.5428, 23.3734, 23.1385

Trichromacy



Original Color

28.2163, 23.2956, 26.6762

Protanomaly

24.4514, 23.1079, 29.1581

Deuteranomaly

25.3619, 23.2608, 26.4456

Tritanomaly

27.6916, 23.2455, 24.5001

Monochromacy



Original Color

28.2163, 23.2956, 26.6762

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.8719, 23.9621, 26.6068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2163, 23.2956, 26.6762 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(174, 116, 137)` looks like.

```
.text, #text, p{  
    color:rgb(174, 116, 137)  
}
```

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(174, 116, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 116, 137) }
```

Border

The CSS property to change the border of an element to XYZ 28.2163, 23.2956, 26.6762 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(174, 116, 137) }
```


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

```
.border{ border-color:rgb(174, 116, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 116, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 116, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 116, 137);  
box-shadow:4px 4px 4px 4px rgb(174, 116,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2163, 23.2956, 26.6762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 116, 137) }
```

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

```
.background{ background-color: rgb(174,  
116, 137) }
```

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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