

Converting Colors

XYZ(28.6484, 27.6612, 22.7315)

Have a look what the booklet for
XYZ(28.6484, 27.6612, 22.7315)
contains.

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Color

**XYZ(28.6693, 27.6462,
22.5641)**

Conversions

Conversions Part 1

Format	Color
Hex	A8897B
RGB	168, 137, 123
RGB Percent	66%, 54%, 48%
CMY	0.3412, 0.4627, 0.5176
CMYK	0.00, 0.18, 0.27, 0.34
HSL	19°, 21%, 57%
HSV	19°, 27%, 66%
XYZ	28.6693, 27.6462, 22.5641
YIQ	144.6730, 22.9700, 2.2180

Conversions

Conversions Part 2

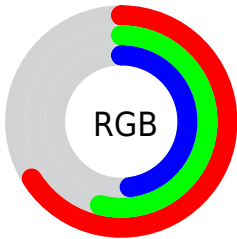
Format	Color
R_{YB}	168, 143, 123
Decimal	11045243
CIE _{Lab}	59.57, 9.60, 11.94
CIE _{LCh}	60, 15.317, 51.190
Yxy	27.6462, 0.3635, 0.3505
Android (android.graphics.Color)	4289235323 (0xFFA8897B)
YUV	144.6730, -10.6848, 20.4578
Hunter-Lab	52.5797, 5.3136, 11.3620

Details

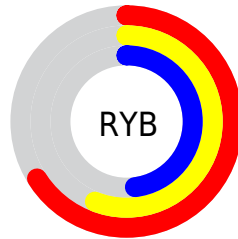
The XYZ color **28.6693, 27.6462, 22.5641** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **26.7917, 30.1486, 41.4532**, and the grayscale version is **26.8170, 28.2136, 30.7246**.

A 20% lighter version of the original color is **56.8918, 55.7694, 48.3235**, and **11.7145, 10.9556, 7.9758** is the 20% darker color. If you saturate the color by 10%, you get **26.1490, 24.1465, 16.9731**, and if you desaturate by 10%, it is **31.5481, 31.5735, 29.1657**.

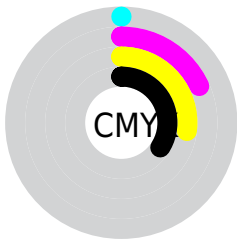
Distribution



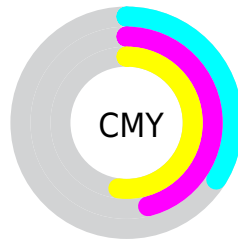
- Red (66%)
- Green (54%)
- Blue (48%)



- Red (66%)
- Yellow (56%)
- Blue (48%)



- Cyan (0%)
- Magenta (18%)
- Yellow (27%)
- Black (34%)





- Cyan (34%)
- Magenta (46%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.6693, 27.6462, 22.5641 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 28.6693, 27.6462, 22.5641 by changing the saturation by 10% instead.


 28.6693, 27.6462,
22.5641


 28.6693, 27.6462,
22.5641


287.6738,
290.7724, 278.5271


 18.9738, 18.0591,
14.0697

 56.9525, 55.9191,
48.5907

 11.7553, 10.9924,
8.0299


 76.2708, 75.3737,
66.9599

 6.6483, 6.0618,
4.0260


 99.5276, 98.8863,
89.4579

 3.2875, 2.8827,
1.6396

127.0880,
126.8412, 116.5031

 1.3075, 1.0708,
0.3189

159.3175,
159.6229, 148.5141

 0.1889, 0.0000,
0.0000

196.5814,

 0.0000, 0.0000,

197.6157, 185.9094

0.0000

239.2451,
241.2041, 229.1076

■ 28.6693, 27.6462,
22.5641

■ 28.6693, 27.6462,
22.5641

■ 26.1490, 24.1465,
16.9731

■ 31.5481, 31.5735,
29.1657

■ 23.9701, 21.0559,
12.3406

■ 34.7969, 35.9387,
36.8229

■ 22.1177, 18.3600,
8.6123

■ 38.4297, 40.7564,
45.5803

■ 20.5743, 16.0421,
5.7279

■ 42.4588, 46.0393,
55.4793

■ 19.3211, 14.0840,
3.6197

■ 46.8961, 51.7997,
66.5590

■ 18.3366, 12.4661,
2.2090

■ 51.7529, 58.0494,
78.8569

■ 17.5923, 11.1650,
1.3829

■ 57.0401, 64.7996,
92.4086

■ 17.3890, 10.8058,
1.1692

■ 62.3791, 71.9059,
105.1992

■ 65.6994, 78.5465,
106.3060

Harmonies

Analogous

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



29.8869, 27.6462, 26.4253



28.6693, 27.6462, 22.5641



26.8487, 27.6462, 20.7825

Triad

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



28.6693, 27.6462, 22.5641



22.7813, 27.6462, 28.5052



27.6397, 27.6462, 41.1252

Complementary

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



28.6693, 27.6462, 22.5641



26.7917, 30.1486, 41.4532

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.



25.7132, 27.6462, 41.8591



28.6693, 27.6462, 22.5641



22.9699, 27.6462, 34.1048

Square

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



28.6693, 27.6462, 22.5641



23.4929, 27.6462, 23.9265



24.0214, 27.6462, 39.1556



29.2726, 27.6462, 37.2580

Rectangle

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



28.6693, 27.6462, 22.5641



25.5640, 27.6462, 20.8424



24.0214, 27.6462, 39.1556



27.0029, 27.6462, 41.7638

Sweetspot

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



28.6700, 27.6475, 22.5647



62.3006, 64.0894, 64.8127



29.1062, 24.8409, 34.0517



13.3850, 13.7093, 13.6663



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.6700, 27.6475, 22.5647



49.2941, 46.3918, 34.8421



32.1220, 34.5515, 23.7153



7.7145, 7.9090, 7.9093



13.1726, 8.2424, 0.8967



0.3656, 0.2908, 0.0369

Inverse Universe

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



26.7917, 30.1486, 41.4532



45.3142, 51.6744, 74.8109



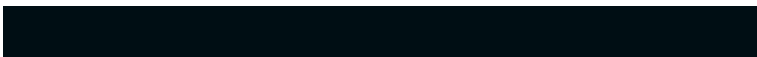
23.4879, 23.5410, 40.3520



7.5477, 8.1323, 9.5902



10.0766, 11.6134, 29.6860



0.2876, 0.3674, 0.7364

Previews

White Background



This preview shows how the XYZ color 28.6693, 27.6462, 22.5641 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 28.6693, 27.6462, 22.5641 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 28.6693, 27.6462, 22.5641

Background



This preview shows how black text looks on a background with the XYZ color 28.6693, 27.6462, 22.5641.



This preview shows how white text looks on a background with the XYZ color 28.6693, 27.6462,

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

28.6693, 27.6462, 22.5641

Protanopia

26.1660, 27.6353, 23.6937

Deuteranopia

28.1807, 27.6064, 22.5822



Tritanopia

30.1367, 27.6099, 30.1264

Trichromacy



Original Color

28.6693, 27.6462, 22.5641

Protanomaly

27.1312, 27.6985, 23.3184

Deuteranomaly

28.3895, 27.7140, 22.5919

Tritanomaly

29.4701, 27.5405, 27.0552

Monochromacy



Original Color

28.6693, 27.6462, 22.5641

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.3252, 27.9244, 27.6167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6693, 27.6462, 22.5641 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(168, 137, 123)` looks like.

```
.text, #text, p{  
    color:rgb(168, 137, 123)  
}
```

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(168, 137, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 137, 123) }
```

Border

The CSS property to change the border of an element to XYZ 28.6693, 27.6462, 22.5641 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(168, 137, 123) }
```


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

```
.border{ border-color:rgb(168, 137, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 137, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 137, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 137, 123);  
box-shadow:4px 4px 4px 4px rgb(168, 137,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6693, 27.6462, 22.5641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 137, 123) }
```

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

```
.background{ background-color: rgb(168,  
137, 123) }
```

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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