

Converting Colors

XYZ(27.2670, 26.7767, 13.1481)

Have a look what the booklet for
XYZ(27.2670, 26.7767, 13.1481)
contains.

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Color

**XYZ(27.2617, 26.7071,
13.1693)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8759
RGB	171, 135, 89
RGB Percent	67%, 53%, 35%
CMY	0.3294, 0.4706, 0.6510
CMYK	0.00, 0.21, 0.48, 0.33
HSL	34°, 33%, 51%
HSV	34°, 48%, 67%
XYZ	27.2617, 26.7071, 13.1693
YIQ	140.5200, 36.2220, -6.6740

Conversions

Conversions Part 2

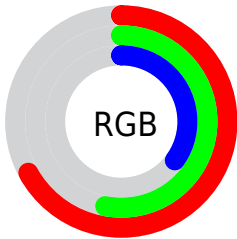
Format	Color
RYB	153, 171, 89
Decimal	11241305
CIELab	58.70, 7.75, 29.89
CIElCh	59, 30.878, 75.464
Yxy	26.7071, 0.4061, 0.3978
Android (android.graphics.Color)	4289431385 (0xFFAB8759)
YUV	140.5200, -25.3994, 26.7310
Hunter-Lab	51.6789, 3.7244, 21.0664

Details

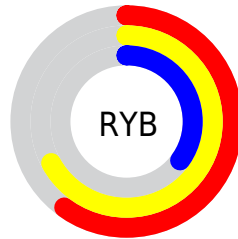
The XYZ color **27.2617, 26.7071, 13.1693** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.8038, 19.7306, 41.3453**, and the grayscale version is **25.2164, 26.5296, 28.8907**.

A 20% lighter version of the original color is **54.7118, 54.3539, 32.4187**, and **11.0025, 10.4461, 3.6269** is the 20% darker color. If you saturate the color by 10%, you get **25.6149, 24.4322, 9.4799**, and if you desaturate by 10%, it is **29.1505, 29.1990, 17.7629**.

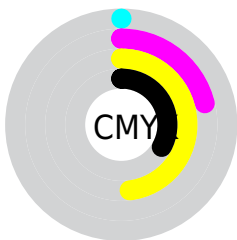
Distribution



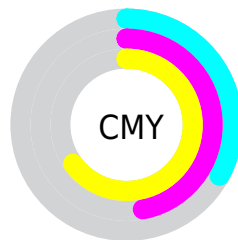
- Red (67%)
- Green (53%)
- Blue (35%)



- Red (60%)
- Yellow (67%)
- Blue (35%)



- Cyan (0%)
- Magenta (21%)
- Yellow (48%)
- Black (33%)



- Cyan (33%)
- Magenta (47%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.2617, 26.7071, 13.1693 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 27.2617, 26.7071, 13.1693 by changing the saturation by 10% instead.


 27.2617, 26.7071,
13.1693


 27.2617, 26.7071,
13.1693


281.0665,
286.2361, 223.2457


 17.9075, 17.3534,
7.4131


 54.7205, 54.4135,
32.3032

 10.9829, 10.4868,
3.6394


 73.5557, 73.5350,
46.5181


 6.1225, 5.7229,
1.4297


 96.2820, 96.6811,
64.3896

 2.9611, 2.6773,
0.1647

 123.2647,
124.2364, 86.3363

 1.1332, 0.9657,
0.0000

 154.8691,
156.5851, 112.7767

 0.0526, 0.0000,
0.0000

191.4606,

 0.0000, 0.0000,

194.1117, 144.1294

0.0000

233.4047,
237.2006, 180.8128

■ 27.2617, 26.7071,
13.1693

■ 27.2617, 26.7071,
13.1693

■ 25.6149, 24.4322,
9.4799

■ 29.1505, 29.1990,
17.7629

■ 24.1948, 22.3627,
6.6307

■ 31.2914, 31.9112,
23.3153

■ 22.9874, 20.4916,
4.5523

■ 33.6962, 34.8518,
29.8787

■ 21.9756, 18.8094,
3.1626

■ 36.3753, 38.0272,
37.5010

■ 21.1322, 17.3025,
2.3265

■ 39.3384, 41.4433,
46.2271

■ 20.9715, 17.0118,
2.1783

■ 42.5948, 45.1060,
56.0991

■ 46.1534, 49.0209,
67.1572

■ 50.0224, 53.1934,
79.4394

■ 54.2101, 57.6286,
92.9820

Harmonies

Analogous

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



30.8583, 26.7071, 16.5741



27.2617, 26.7071, 13.1693



23.4866, 26.7071, 13.2210

Triad

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



27.2617, 26.7071, 13.1693



18.9764, 26.7071, 35.0199



30.9536, 26.7071, 46.3527

Complementary

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



27.2617, 26.7071, 13.1693



18.8038, 19.7306, 41.3453

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.



27.3816, 26.7071, 54.2530



27.2617, 26.7071, 13.1693



20.5992, 26.7071, 46.6800

Square

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



27.2617, 26.7071, 13.1693



18.9512, 26.7071, 24.1396



23.5951, 26.7071, 54.3859



33.1297, 26.7071, 34.6511

Rectangle

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



27.2617, 26.7071, 13.1693



21.3787, 26.7071, 15.1548



23.5951, 26.7071, 54.3859



29.8613, 26.7071, 49.6566

Sweetspot

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



27.2624, 26.7084, 13.1698



62.0678, 64.4754, 58.3434



24.1265, 17.3067, 21.7740



13.6219, 14.1163, 12.3920



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.



27.2624, 26.7084, 13.1698



45.5831, 43.3417, 16.3604



32.2813, 38.0516, 15.0948



8.3639, 8.7326, 8.4581



15.8626, 12.9307, 1.6598



0.4945, 0.4662, 0.0639

Inverse Universe

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



18.8038, 19.7306, 41.3453



28.5492, 29.3070, 73.1540



15.4476, 12.4177, 40.1106



7.8573, 8.3141, 10.1433



7.4921, 6.1181, 29.8305



0.2635, 0.2804, 0.8482

Previews

White Background



This preview shows how the XYZ color 27.2617, 26.7071, 13.1693 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 27.2617, 26.7071, 13.1693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

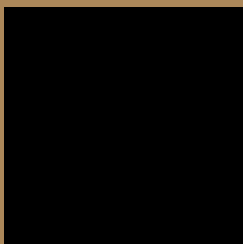
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2617, 26.7071, 13.1693

Background



This preview shows how black text looks on a background with the XYZ color 27.2617, 26.7071, 13.1693.



This preview shows how white text looks on a background with the XYZ color 27.2617, 26.7071,

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

27.2617, 26.7071, 13.1693

Protanopia

24.7831, 26.6925, 13.9712

Deuteranopia

27.2617, 26.7071, 13.1693



Tritanopia

30.4150, 26.7947, 27.9949

Trichromacy



Original Color

27.2617, 26.7071, 13.1693

Protanomaly

25.6182, 26.6942, 13.6998

Deuteranomaly

27.2617, 26.7071, 13.1693

Tritanomaly

29.0230, 26.6117, 21.6961

Monochromacy



Original Color

27.2617, 26.7071, 13.1693

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.6944, 26.5458, 22.1820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2617, 26.7071, 13.1693 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, 135, 89)` looks like.

```
.text, #text, p{  
    color:rgb(171, 135, 89)  
}
```

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, 135, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 135, 89) }
```

Border

The CSS property to change the border of an element to XYZ 27.2617, 26.7071, 13.1693 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, 135, 89) }
```


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

```
.border{ border-color:rgb(171, 135, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 135, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 135, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 135, 89);  
box-shadow:4px 4px 4px 4px rgb(171, 135,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2617, 26.7071, 13.1693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 135, 89) }
```

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

```
.background{ background-color: rgb(171,  
135, 89) }
```

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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