

Converting Colors

XYZ(25.7083, 28.2700, 17.8667)

Have a look what the booklet for
XYZ(25.7083, 28.2700, 17.8667)
contains.

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Color

**XYZ(25.6429, 28.1777,
17.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	97926A
RGB	151, 146, 106
RGB Percent	59%, 57%, 42%
CMY	0.4078, 0.4274, 0.5843
CMYK	0.00, 0.03, 0.30, 0.41
HSL	53°, 18%, 50%
HSV	53°, 30%, 59%
XYZ	25.6429, 28.1777, 17.7230
YIQ	142.9350, 15.8200, -11.3800

Conversions

Conversions Part 2

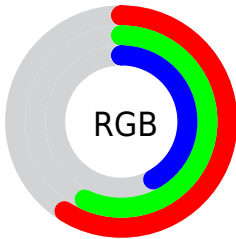
Format	Color
R_{YB}	112, 151, 106
Decimal	9933418
CIE _{Lab}	60.05, -4.72, 21.92
CIE _{LCh}	60, 22.420, 102.140
Yxy	28.1777, 0.3584, 0.3939
Android (android.graphics.Color)	4288123498 (0xFF97926A)
YUV	142.9350, -18.2090, 7.0730
Hunter-Lab	53.0827, -6.6658, 17.3624

Details

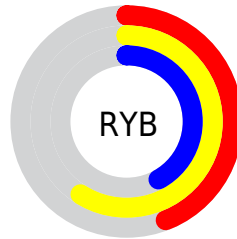
The XYZ color **25.6429, 28.1777, 17.7230** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.2141, 16.6670, 31.5880**, and the grayscale version is **26.1490, 27.5108, 29.9593**.

A 20% lighter version of the original color is **52.2794, 56.8990, 40.5749**, and **10.0922, 11.3239, 5.6568** is the 20% darker color. If you saturate the color by 10%, you get **24.6695, 27.3788, 13.8597**, and if you desaturate by 10%, it is **26.7598, 29.0420, 22.3171**.

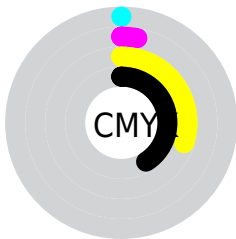
Distribution



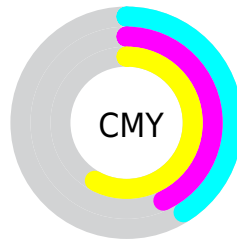
- Red (59%)
- Green (57%)
- Blue (42%)



- Red (44%)
- Yellow (59%)
- Blue (42%)



- Cyan (0%)
- Magenta (3%)
- Yellow (30%)
- Black (41%)



- Cyan (41%)
- Magenta (43%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6429, 28.1777, 17.7230 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 25.6429, 28.1777, 17.7230 by changing the saturation by 10% instead.

■ 25.6429, 28.1777,
17.7230

■ 25.6429, 28.1777,
17.7230

273.3136,
293.3151, 251.4885

■ 16.6880, 18.4597,
10.5839

■ 52.1337, 56.7680,
40.3723

■ 10.1062, 11.2805,
5.6772

■ 70.4003, 76.4091,
56.7196

■ 5.5322, 6.2558,
2.5842

■ 92.5015, 100.1266,
76.9734

■ 2.6007, 3.0013,
0.8843

■ 118.8026,
128.3050, 101.5522

■ 0.9463, 1.1324,
0.0000

149.6690,
161.3287, 130.8746

■ 0.0000, 0.0054,
0.0000

185.4661,

■ 0.0000, 0.0000,

199.5820, 165.3591

0.0000

226.5592,
243.4493, 205.4242

■ 25.6429, 28.1777,
17.7230

■ 25.6429, 28.1777,
17.7230

■ 24.6695, 27.3788,
13.8597

■ 26.7598, 29.0420,
22.3171

■ 23.8303, 26.6387,
10.6871

■ 28.0248, 29.9707,
27.6756

■ 23.1179, 25.9553,
8.1643

■ 29.4450, 30.9675,
33.8321

■ 22.5237, 25.3251,
6.2449

■ 31.0262, 32.0349,
40.8179

■ 22.0376, 24.7442,
4.8767

■ 32.7741, 33.1752,
48.6624

■ 21.6480, 24.2078,
3.9987

■ 34.6940, 34.3904,
57.3937

■ 21.3264, 23.7045,
3.4601

■ 36.7910, 35.6827,
67.0385

■ 21.3201, 23.6946,
3.4498

■ 39.0701, 37.0540,
77.6224

■ 41.5358, 38.5063,
89.1702

Harmonies

Analogous

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



28.5031, 28.1777, 18.0064



25.6429, 28.1777, 17.7230



23.2615, 28.1777, 20.4277

Triad

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



25.6429, 28.1777, 17.7230



22.9103, 28.1777, 42.4982



32.3606, 28.1777, 35.7651

Complementary

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



25.6429, 28.1777, 17.7230



17.2141, 16.6670, 31.5880

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.



30.6410, 28.1777, 43.8932



25.6429, 28.1777, 17.7230



25.1318, 28.1777, 48.2311

Square

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



25.6429, 28.1777, 17.7230



21.7608, 28.1777, 34.1110



27.9545, 28.1777, 48.7827



32.5218, 28.1777, 27.4885

Rectangle

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



25.6429, 28.1777, 17.7230



22.2115, 28.1777, 23.8980



27.9545, 28.1777, 48.7827



31.9402, 28.1777, 38.6389

Sweetspot

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



25.6436, 28.1790, 17.7236



50.3386, 53.7809, 50.2052



20.7998, 18.0409, 17.4976



11.3673, 12.1706, 11.0938



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.6436, 28.1790, 17.7236



44.6910, 49.4617, 26.8168



23.4600, 28.2217, 17.8469



6.6503, 7.1057, 6.6269



18.1504, 20.1832, 2.9391



0.2859, 0.3308, 0.0488

Inverse Universe

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



17.2141, 16.6670, 31.5880



27.0162, 25.3272, 55.8984



18.9444, 16.7722, 31.5171



5.9370, 6.1313, 7.7995



4.9311, 2.2588, 25.0838



0.0864, 0.0591, 0.3792

Previews

White Background



This preview shows how the XYZ color 25.6429, 28.1777, 17.7230 looks on a white background.

Color Contrast Check

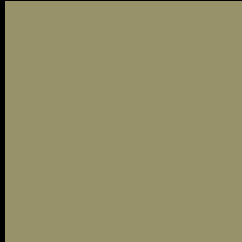
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6429, 28.1777, 17.7230 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 25.6429, 28.1777, 17.7230

Background



This preview shows how black text looks on a background with the XYZ color 25.6429, 28.1777, 17.7230.



This preview shows how white text looks on a background with the XYZ color 25.6429, 28.1777,

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

25.6429, 28.1777, 17.7230

Protanopia

26.3855, 28.3386, 17.4438

Deuteranopia

28.7340, 28.2059, 18.1172



Tritanopia

28.6743, 28.0585, 33.1827

Trichromacy



Original Color

25.6429, 28.1777, 17.7230

Protanomaly

26.0016, 28.1407, 17.4259

Deuteranomaly

27.6367, 28.3001, 17.9158

Tritanomaly

27.3726, 27.9653, 26.8768

Monochromacy



Original Color

25.6429, 28.1777, 17.7230

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.8566, 27.6692, 25.0970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6429, 28.1777, 17.7230 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(151, 146, 106)` looks like.

```
.text, #text, p{  
    color:rgb(151, 146, 106)  
}
```

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(151, 146, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 146, 106) }
```

Border

The CSS property to change the border of an element to XYZ 25.6429, 28.1777, 17.7230 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(151, 146, 106) }
```


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

```
.border{ border-color:rgb(151, 146, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 146, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 146, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 146, 106); box-shadow:4px 4px 4px 4px rgb(151, 146, 106) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6429, 28.1777, 17.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 146, 106) }
```

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

```
.background{ background-color: rgb(151,  
146, 106) }
```

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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